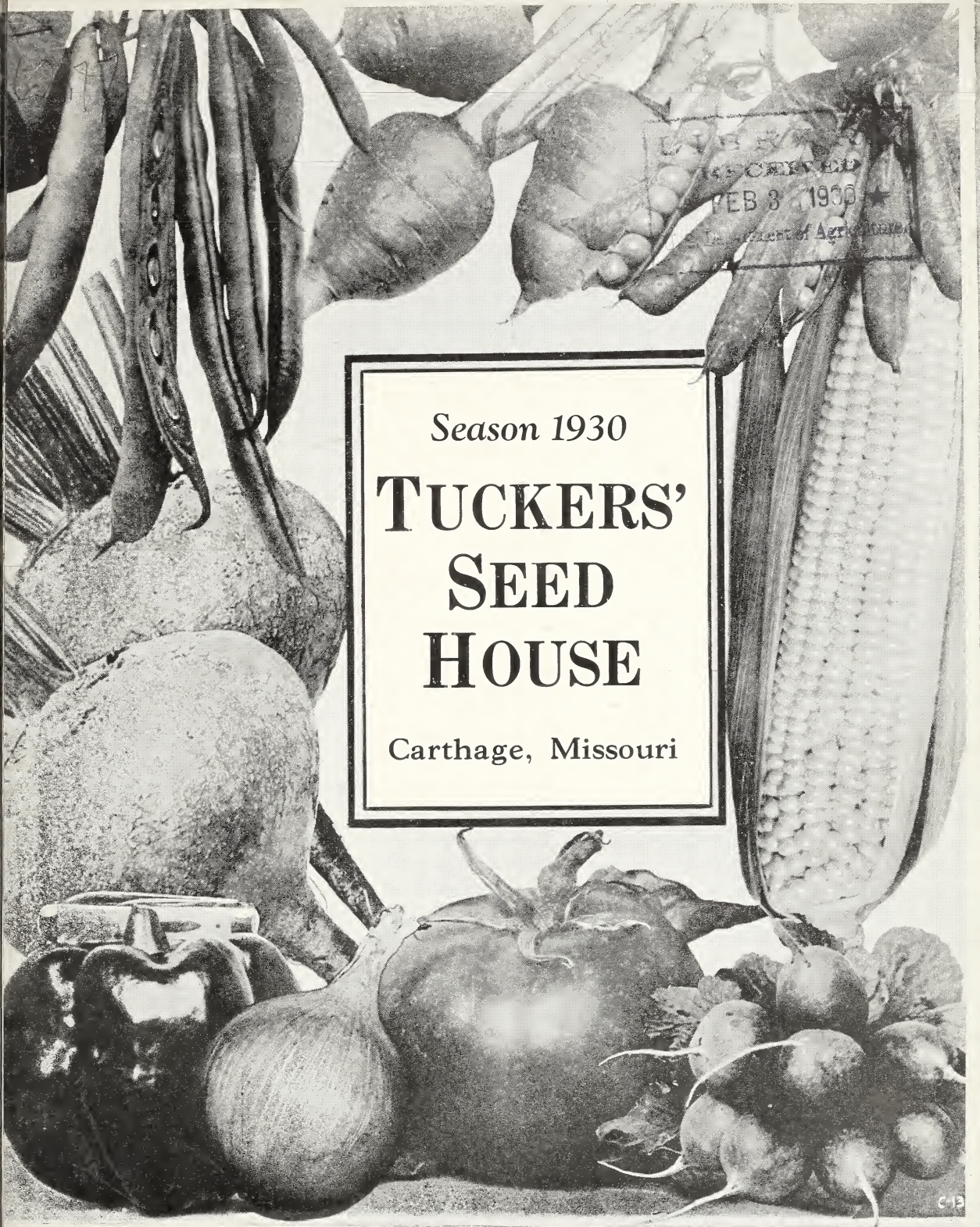


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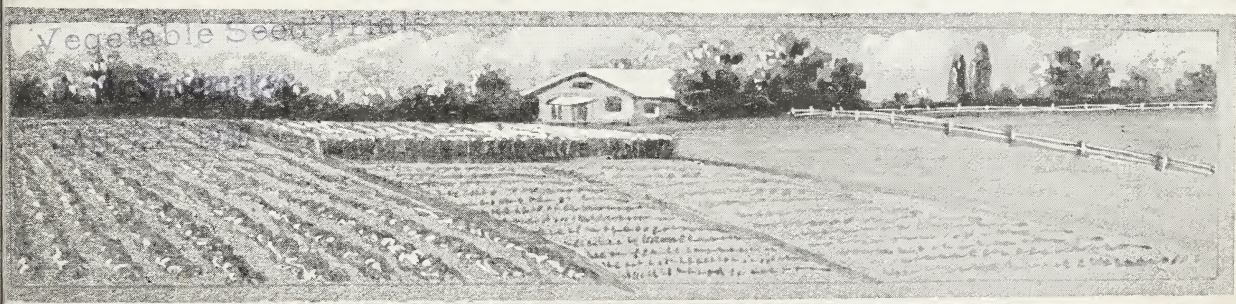


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Season 1930

TUCKERS' SEED HOUSE

Carthage, Missouri



Vegetable Seed Trials

by T. S. Sauer

\$1.35

POSTPAID

Our Great Garden Collection
OF
"Quality" Vegetable Seeds

\$1.35

POSTPAID



A Great \$2.75 Value for Only \$1.35 Postpaid

Every variety listed in this collection represents Quality that will please you. The seeds are tested and will grow. Full sized packets, such as we supply to our regular trade go into this collection, in fact the only cheap thing about it is the price. The reason we sell this collection at such a low price is twofold: We can put up the boxes before the Spring rush starts, get them ready so that when the order comes all that need be done is to wrap the box, affix postage stamps and out it goes. This popular priced collection also gives new customers an opportunity to try a large assortment of our Quality Seeds at a moderate cost. Our margin of profit on this collection is smaller than on anything else we sell; yet we consider each collection sold, a good investment which in time, will bring us increased business.

Please do not ask us for any discount in connection with an order for our Garden Collection and any special offers in this Catalog do not apply to or cannot be taken advantage of in connection with it. No changes can be allowed.

Here is What \$1.35 Will Buy Thirty (30) Full Sized Packets as Follows, for Only \$1.35

- | | |
|--|--|
| 1—Beans—Bush, Stringless Greenpod. Extra Fine. | 16—Onion—Mammoth Yellow Prizetaker. Large. |
| 2—Beans—Pole, Perfection Wax. The Best Variety | 17—Pepper—Ruby King. Fine Mango. Sweet. |
| 3—Beet—Early Eclipse. All Seasons Variety. | 18—Parsnips—Hollow Crown. Fine Table Variety. |
| 4—Beet—Crimson Globe. Fine Table Beet. | 19—Parsley—Moss Curled. Very Fine Curled. |
| 5—Cabbage—Early Wonder. Best Extra Early. | 20—Peas—Tuckers' Wonderful. Extra Early Mammoth. |
| 6—Carrot—Chantenay. Fine Quality. | 21—Radish—Early Scarlet Turnip. Early and Crisp. |
| 7—Celery—White Plume. Early Fine Flavor. | 22—Radish—White Icicle. Extra Fine Long White. |
| 8—Cucumber—Earliest of All. Extra Early. Fine. | 23—Squash—Early White Bush. Fine Table Variety. |
| 9—Cucumber—Everbearing. Bears Continuously. | 24—Pumpkin—Mammoth Potiron. Large, for Pies. |
| 10—Sweet Corn—Early Sugar Queen. Sweet as sugar. | 25—Tomato—John Baer. Extra Fine. |
| 11—Sweet Corn—Country Gentleman. Extra Fine. | 26—Tomato—Ponderosa. Fine Slicer. |
| 12—Lettuce—Early Curled Simpson. Early Curled. | 27—Spinach—Bloomsdale. Standard variety. |
| 13—Lettuce—Big Boston. Large Tender Head. | 28—Mustard—Ostrich Plume. Extra Fine. |
| 14—Musk Melon—Delicious Gold Lined. Extra Fine. | 29—Turnip—Early Purple Top Milan. Spring Sort. |
| 15—Water Melon—Irish Gray. New. Fine Flavor. | 30—Salsify or Oyster Plant. Excellent. |

FREE

With each Order for our Great Garden Collection we will include one ounce
of our Famous Rainbow Mixture of Sweet Peas

TUCKERS' SEED HOUSE
Corner 3rd and Howard Streets **CARTHAGE, MISSOURI**

Date.....19.....
 { Ship by { MAIL
 { Cross out { EXPRESS
 { Two { FREIGHT

State

Stamps

Date For'd. _____

Please Read: If we should be sold out on a variety, on your order, shall we substitute with a variety equally as good quality as the variety ordered, or return your money? PLEASE MARK WITH AN "X"

Substitute.....

Return Money.....

[illegible]

Important Suggestions for Ordering

By carefully observing the following directions, mistakes and misunderstanding will be very largely avoided.

Always Use the Order Blank

and envelope sent with this catalog when possible. Write plainly, keep a copy of your order, and be sure to sign your name, post office, county and state every time you write to us. Extra envelopes and order blanks will be sent on application, also additional catalogs, if desired.

SEND MONEY. Remittance should always accompany the order. Remittances may be made at our risk by any of the following methods: (1st and best) Post Office Order; (2d) Bank Draft; (3d) Express Money Order; (4th) Registered Letters. One and two cent stamps in small amounts are also acceptable.

ORDER EARLY.—It is important to order as soon after you get the Catalogue as convenient, then you will have your seeds at hand for planting when you want them.

LARGE ORDERS.—Any dealer, market gardener, institution, or any individual wishing seeds in large quantities is requested to mail us a list of what is wanted and we will promptly return it to them with the very lowest prices marked. A letter of inquiry may save you dollars if you want to buy in quantity.

SHIPPING ORDERS.—When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best judgment in routing.

EVERY YEAR we receive a great many orders with no name signed and consequently cannot tell to whom to address the order. Please be sure to sign your name and give your complete address each time you order.

OUR SEED ANNUAL.—Please show this Seed Annual to your friends, and if you should receive an extra copy be kind enough to hand it to some neighbor interested in seeds, who will be pleased to get it. We will be glad to send a copy free to any of your friends likely to want seeds, in this or any other country. In return we will ask you to speak a good word for us to your friends and neighbors. An order this season, no matter how small, secures our catalogue for next season as soon as issued.

CHANGE OF ADDRESS.—If you have changed, or intend to change your address, please let us know, and we will change it on our books, so that you will receive our Seed Annual at your new post office.

OUR PRICES.—In comparing our mail prices with others, especially on heavy seeds, such as Peas, Beans and Corn, by the pound, two pounds, five pounds and other seeds by the pound and one-fourth pound, bear in mind that we pay the postage, (except to foreign countries) unless otherwise noted.

MARKET GARDENERS

Cash Garden Seed Discounts

BULK GARDEN SEED DISCOUNT

On orders amounting to \$5.00 deduct 10 per cent.

On orders amounting to \$10.00, 12 per cent.

On orders amounting to \$15.00, 15 per cent.

Providing you use the prices given in this book and do not include any Field Seeds, Grass Seeds, Potatoes, Onion Sets, Poultry Supplies, etc., on which we only give lowest net prices at time Catalog is issued.

NON-WARRANTY.—Complaints made that seeds are not good should quite as often be attributed to other causes as to the quality of the seeds. There are contingencies continually arising to prevent the very best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all description destroying the plants, as soon as, or before, they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. Soil preparation for the reception of seed is very important. If not properly sown, seed with very high germination is bound to perish. For all these reasons it is impossible to guarantee seeds under all circumstances, therefore Tuckers Seed House gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we sell, and will not be in any way responsible for the crop. We test all our seeds before sending them to our customers, and should they fail to grow if promptly and properly tested by the customer, will replace the same amount or give value in others.

Free Flower Seed

FOUR PACKETS FREE WITH EVERY GARDEN SEED ORDER FOR \$1.00 OR MORE

For this season we will give free with each order of \$1.00 or more of Garden or Flower Seed, Four Packets of Choice Flower Seed, FREE. The list comprises one packet each of Giant Mixed Cosmos, Antirrhinum, Finest Mixed, Tall Marigold and Petunia, Finest Mixed. No changes can be made in varieties as we are compelled to pack the collections ahead to have them ready. Also please remember that the collection is given with each order of \$1.00 or more, and does not mean a collection for every \$1.00 portion of your order, nor does it cover orders for Grass or Field Seeds.

Quantity of Seed to Sow a Single Row of 100 Feet

Asparagus 1 oz.
Beans, Bush 1 lb.
Beans, Lima 1 lb.
Beans, Pole ½ lb.
Beet 2 oz.
Broccoli 1 oz.
Brussels Sprouts 1 oz.
Cabbage 1 oz.
Carrot 1 oz.
Cauliflower 1 oz.
Celery 1 oz.
Collards 1 oz.
Corn ½ lb.

Cucumber 1 oz.
Egg Plant ½ oz.
Endive 1 oz.
Kohl Rabi 1 oz.
Leek 1 oz.
Lettuce 1 oz.
Melon, Musk 1 oz.
Melon, Water 1 oz.
Mustard 1 oz.
Okra 2 oz.
Onion (for large bulbs) 1 oz.
Onion (for sets) 3 oz.

Parsley 1 oz.
Parsnip 1 oz.
Peas 1 ½ lb.
Pepper ½ oz.
Pumpkin 1 oz.
Radish 1 oz.
Rhubarb 1 oz.
Salsify 2 oz.
Spinach 2 oz.
Squash 1 oz.
Tomato ½ oz.
Turnip 1 oz.

PARCEL POST RATES FROM CARTHAGE, MISSOURI

United States Parcel Post Rates (Seeds, plants and bulbs included)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 84 inches (length and girth combined).
Local Rate	\$0.07	\$0.00½	Limit of weight this zone, 70 lbs.
1st Zone, within 50 miles of St. Louis	.08	.01	Limit of weight this zone, 70 lbs.
2nd Zone, over 50 and under 150 miles	.09	.01	Limit of weight this zone, 70 lbs.
3d Zone, over 150 and under 300 miles	.09	.02	Limit of weight this zone, 50 lbs.
4th Zone, over 300 and under 600 miles	.10	.04	Limit of weight this zone, 50 lbs.
5th Zone, over 600 and under 1000 miles	.11	.06	Limit of weight this zone, 50 lbs.
6th Zone, over 1000 and under 1400 miles	.12	.08	Limit of weight this zone, 50 lbs.
7th Zone, over 1400 and under 1800 miles	.13	.10	Limit of weight this zone, 50 lbs.

Tuckers' Quality Vegetable Seeds

TUCKERS' QUALITY means the best that can be produced in Vegetable Seeds. It means, trueness to variety and high Germination, and these mean satisfaction to you in your Garden. We test each variety before sending it out to our customers, and the Germination must be strictly up to standard or we do not send it out. In our Vegetable Seed Department we list only such varieties as are of real merit, having excluded all sorts that are not of value, and have cut out a number of out-of-date varieties.

CULTURAL DIRECTIONS—Will be found at the heading of each class of vegetables, and also on most of our packets. These directions, while reliable, will not apply in every detail to the extreme sections of the United States, and therefore some allowance must be made for the difference of latitude.

ASPARAGUS

Can be grown in any good garden soil, but does best in sunny, moist soil. To grow plants from seed, sow in drills about one inch deep in rows, one foot apart. Keep the soil mellow and free from weeds; during the Summer thin out and the following spring plants may be set in the permanent bed. Set the plants one foot apart each way, spreading the roots well apart. Cover with about three inches of soil.

Columbian Mammoth White

The immense shoots are clear white, and in favorable weather remain so until three or four inches above the surface. The crown or bud of the young stalk is considerably smaller than the part below it. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.10.

New Washington

The rust-resistant variety. This variety originated with the Department of Agriculture, Washington, D. C., after years of careful hybridizing and selection. Only vigorous-growing plants, free from rust, were used. Should be used on account of its disease-resistant quality. It should prove a boon to market-gardeners. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.25.

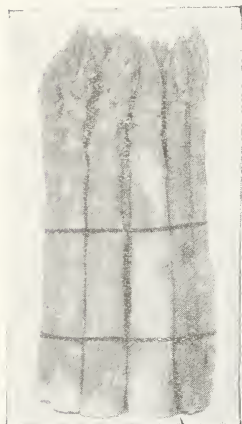
Asparagus Roots

Dig or plow a trench 15 to 18 inches deep, put in plenty of well-rotted manure, covering it with a few inches of soil, then set the roots 1½ to 2 feet apart and cover with 4 inches of soil. In the fall, cut off and burn the top growth, and give a good application of stable manure. Early in the spring fork this in, and as the asparagus begins to grow, earth up to blanch the stalks as they grow.

FOR FIELD CULTURE—The rows may be from 4 to 6 feet apart and the roots set one foot apart in the rows. A subsoil plow should be used to break the soil as deeply as possible.

NEW WASHINGTON—A new Giant variety, developed by the U. S. Department of Agriculture, extremely vigorous, high yielding and free from rust. Postpaid, dozen 40c; 50 for \$1.75; 100 for \$3.25.

COLUMBIAN MAMMOTH WHITE—Good, strong roots. Postpaid, dozen, 35c; 50 for \$1.35; 100 for \$2.50.



New Washington

Brussels Sprouts

A species of the Cabbage family, which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as Cauliflower. The seed should be sown about the middle of May, in a seed bed, and the plants afterwards set in rows, 2 feet or more apart, and cultivated like Cabbage.

IMPROVED DWARF—Produces compact sprouts of the finest quality; a good keeper. Postpaid, pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

Borecole or Kale

Kale, or German Greens, do not form heads, but furnish an abundance of pretty curled leaves that are highly prized as food. Sow from the middle of April to the beginning of May; transplant and cultivate like Cabbage. Will endure considerable frost without injury.

DWARF GREEN CURLED—Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color; quite hardy. Postpaid, pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.



Brussels Sprouts

FIELD BEANS (Bush)

White Navy or Prolific Tree

Navy Beans should be planted from the middle of June to the middle of July, on ground not too rich, to insure them bushing or not growing to vines. Every farmer should grow his own Navy Beans for his year's use. Our stock is the Genuine Michigan Type. Plant 20 to 25 pounds to the acre. Postpaid, pkt. 10c; lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00; 10 lbs. \$1.90. Not Prepaid, 15 lbs. \$2.65. Larger quantities, 17c per pound.

Pinto

This is the Genuine Mexican Pinto Bean. A great many people prefer this variety to the Navy or Prolific tree. The Bean is larger, rather cream colored, and marked with finer, darker lines. Plant 25 to 30 pounds to the acre. Postpaid, pkt. 10c; lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00; 10 lbs. \$1.90. Not Prepaid, 15 lbs. \$2.50. Larger quantities 15c per pound.

Not prepaid means that the customer pays the cost of transportation. By referring to the Parcel Post table on page one, it is very easy to figure the cost of sending packages. For quantities up to 50 pounds in the first, second and third zones, Parcel Post rates are as cheap or cheaper than express or freight, and are much safer.

GARDEN BEANS

BEANS succeed best in warm, sandy loam, enriched with well rotted stable or poultry manure. Must not be sown until the ground is warm and dry. Sow in drills 18 to 30 inches apart, 1 to 2 inches deep, placing the beans 2 to 3 inches apart in the drills; for a succession sow every 2 weeks until September. A packet will sow about 25 feet of row; use 1 pound to 100 feet. Bush Beans are ready for use in 35 to 50 days. Cultivate frequently but shallow and never when the foliage is wet.

Green Podded Dwarf Varieties

Tuckers' Favorite

(See Illustration)

Extra Early, Prolific, Nearly Stringless the one best Green Pod Bush Bean. The plant is remarkably handsome and thrifty growth, being practically rust and mildew proof. It is very hardy, extremely early, very prolific and bears continuously for several weeks. The vines are large, somewhat spreading and prolific. The foliage is dark green, with leaves large and crumpled. The pods are very long, often six to seven inches, flat, irregular in shape, bright, but rather dark green and of excellent quality. Seed of medium size, oval, flat, yellowish brown in color. Postpaid, pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.35; 10 lbs. \$3.00. Not Prepaid, 15 lbs. \$3.75; 50 lbs. \$11.50.

The Wonder Bean

The plant grows from fourteen to sixteen inches high and the long, perfectly round pods are borne in great clusters. The pods average seven to eight inches in length; are perfectly round and as tender and brittle as can be. The seed is reddish brown in color, slightly speckled with lighter spots. Its yield is immense and continuous. The vines hanging full at all times with the long, handsome, straight, green pods. The first pods are ready for picking in about 37 days from planting, and the vines bear continuously. Postpaid, pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.65; 10 lbs. \$3.00. Not Prepaid, 15 lbs. \$3.75; 50 lbs. \$11.

Burpee's Stringless Green Pod

One of the finest early Beans in Cultivation. It produces in profusion long, straight, round, deeply saddlebacked pods early in the season. The pods are absolutely stringless at all stages of growth, brittle, tender and of real good flavor. Postpaid packet. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.65; 10 lbs. \$3.00; Not Prepaid, 15 lbs. \$3.75; 50 lbs. \$11.50.

Giant Stringless Green Pod

An exceptionally fine bean for either home use or market; ranks among the earliest, yet in quality and productiveness has no superior. The vines are strong, the pods are long, 5½ to 6½ inches, round, very meaty, perfectly stringless and are borne continuously for weeks. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.50; 50 lbs. \$11.00.

Full Measure

Attractive, Long, Straight Pods. 45 days.

This magnificent round podded bush bean bears long, round, dark green pods in 45 days; always solid, stringless and exceedingly prolific. The pods are of an attractive green color, 5 inches long, firm and tender, remaining fit for use many days after maturing. The plant is of a handsome, stiffly erect growth, very prolific and practically blight proof. Seed medium size, brown mottled with light yellowish drab. Postpaid, pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.65; 10 lbs. \$3.00. Not Prepaid, 15 lbs. \$3.50; 50 lbs. \$11.00.

Early Red Valentine

Usually ready to pick in 35 days after planting. Pods round, thick, fleshy, of fine quality and unequaled uniformly of ripening; one of the most profitable sorts for market gardeners. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.75; 50 lbs. \$10.00.

BUSH LIMA BEANS

Plant more Lima Beans. They are great yielders and are certainly fine for Winter use.

Fordhook Bush Lima

The bush is of stiff, erect habit, holding the beans well off the ground, so that the pods do not become discolored or injured from being beaten to the ground by the wind or rain. Very prolific, the pods each containing four or five large fat beans lying so closely together that they are flattened on the ends. The pods are so closely packed that they are very easily shelled. The green beans, even when full size are tender, juicy and sweet. Postpaid, pkt. 10c; ½ lb. 25c; 1 lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00; 10 lbs. \$3.50. Not Prepaid, 15 lbs. \$4.25; 50 lbs. \$13.00.

Henderson's Bush Lima

The Earliest of the Bush Limas—Grows in compact bush form and produces large crops of delicious beans, they are small in size. Of high table merit, and a favorite for the home garden on account of its delicious flavor and great productiveness. Ripens very early and bears until frost. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.35; 10 lbs. \$2.50. Not Prepaid, 15 lbs. \$3.00; 50 lbs. \$9.00.



TUCKERS' FAVORITE

Early Six Weeks

The plants of this hardy variety, known also as Long Yellow Six Weeks, are large, vigorous, erect and very productive. The pods are long, about six inches, straight, flat, handsome, rather light green and when young are of good quality for snaps. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.40; 10 lbs. \$2.50. Not Prepaid, 15 lbs. \$3.00; 50 lbs. \$9.00.

Refugee, or 1000 to 1

One of the best for main crop and late or succession plantings, enormously productive. The snaps are round, tender and of excellent quality. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.40; 10 lbs. \$2.60. Not Prepaid, 15 lbs. \$3.00; 50 lbs. \$9.00.

Burpee's Improved Bush Lima

The bush type of the well-known large white pole lima and of equally good quality. The plants are uniformly dwarf and erect, branches vigorously and is an immense yielder. The pods are well filled with very large beans identical in size and luscious flavor with the large white pole lima. Postpaid, pkt. 15c; ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$1.75; 10 lbs. \$3.25. Not Prepaid, 15 lbs. \$4.50; 50 lbs. \$14.00.

WAX PODDED BUSH BEANS

Tuckers' Premium Wax

(See Illustration)

EXTREMELY EARLY, VERY HANDSOME ROUND YELLOW PODS

Premium Wax is unusually robust and healthy. The strong foliage resists disease and unfavorable weather conditions perfectly. Premium Wax is prolific. Whether sown during spring, summer or fall, it invariably produces loads of handsome waxy yellow pods, about 5 inches long. The pods are solid and very meaty. The pods are tender at all stages of growth and of delightful flavor. Postpaid, pkt. 15c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.65; 10 lbs. \$3.00. Not Prepaid, 15 lbs. \$3.50; 50 lbs. \$10.00.

Pencil Pod Black Wax

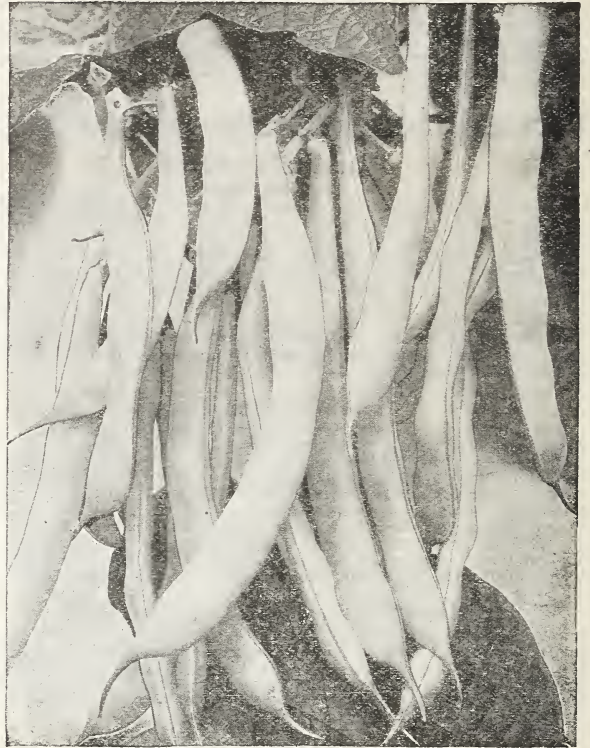
Although hardy, it is almost stringless, very tender and of a most luscious quality; pods smooth, perfectly round, and straight as a lead pencil. In points of vigor, hardness and prolificacy, it is certainly a winner. It stands in a class by itself. Postpaid, pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75; 10 lbs. \$3.25. Not Prepaid, 15 lbs. \$3.75; 50 lbs. \$11.50.

Improved Golden Wax Rust Proof

This is a decided improvement on the old Golden Wax, as it is almost wholly free from rust. The pods are of a dark, rich, golden yellow color and of perfect shape. Cooking quickly as snaps, shelling well when green and of highest quality in either way. Postpaid, pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75; 10 lbs. \$3.25. Not Prepaid, 15 lbs. \$3.75; 50 lbs. \$11.50.

Red Kidney

A first class garden bean that has genuine merit. Pods extra large, very meaty and fine flavor. Seed large, red in color. Red Kidney bean is extra fine as a green shell bean and dry bean for winter use. Postpaid pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.40; 10 lbs. \$2.50. Not Prepaid, 15 lbs. \$3.00; 50 lbs. \$9.00.



TUCKERS' PREMIUM WAX

Tuckers' Stringless Wax

STRINGLESS, ROUND, HANDSOME YELLOW PODS

Stringless Wax produces an abundance of extra long, round, meaty, yellow pods that are of the most delicious flavor imaginable. They are entirely stringless.

They bear continuously and the first beans are produced in about forty - two days. The plants are very strong and robust, resisting disease much better than most sorts.

Postpaid, pkt. 15c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75; 10 lbs. \$3.25. Not Prepaid, 15 lbs. \$4.50; 50 lbs. \$12.50.



POLE LIMA BEANS

Lima Beans will not grow until the weather and ground are warm. If planted before, they are almost sure to rot in the ground. See cultural directions for Pole beans.

King of the Garden

It is a heavy yielder on all sorts of soil, and is of excellent flavor. The pods are of enormous size, measuring eight or nine inches in length, and containing as many as eight or nine beans. Postpaid, pkt. 15c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.65; 10 lbs. \$3.00. Not Prepaid, 15 lbs. \$4.25; 50 lbs. \$13.00.

Weeping Willow

A great yielder and fine flavored. The vines are vigorous with many short branches. The leaves are small, smooth, stiff, glossy, dark green. The pods are dark green, short, about three inches, curved. Seed small, flat. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.45; 50 lbs. \$10.00.

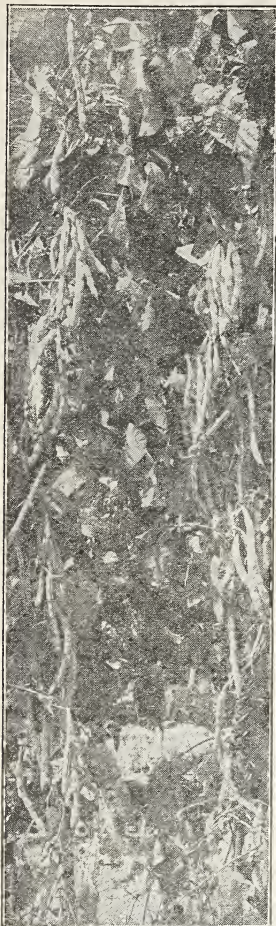
Speckled Pole Lima

This is undoubtedly the greatest yielding Pole Lima Bean known today. It commences to bear very early and bears continually until killed by frost. It is an extra fine flavored bean, both in the green state and when shelled dry for winter use. The beans are medium size, beautifully speckled or blotched dark red to black. Postpaid, pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.65; 10 lbs. \$3.00. Not Prepaid, 15 lbs. \$3.75; 50 lbs. \$10.00.

The Better the Seed The Better the Crop, Always.

POLE AND CORNFIELD BEANS

The Pole or Running varieties are tender and should be planted two weeks later than Bush Beans. They succeed best in sandy loam, which should be liberally enriched with manure.



Tuckers' Perfection Wax

Tucker's Perfection Wax

The Finest Pole Bean, Large Golden Yellow Pods

See illustration. Pods are long and so thick and fleshy that they are frequently greater in thickness than in breadth; they are meaty and nearly stringless. The vines commence to bear very early and bear until killed by frost. It is a vigorous grower, one plant filling a pole with a mass of vines, densely loaded with the beautiful golden pods. Postpaid, pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.65; 10 lbs. \$3.00. Not Prepaid, 15 lbs. \$4.50; 50 lbs. \$13.50.

Missouri Wonder

Is enormously prolific and hardy. It will grow and bear an abundant crop in spite of bad weather. Pods are light green, large and tender, stringless if picked young. Fine for shell beans or succotash if let grow. Postpaid, pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.75; 50 lbs. \$12.00.

Kentucky Wonder or Old Homestead

An old favorite with long, fleshy, deeply saddle-backed pods. Very prolific, producing an abundance of fine, stringless, crisp beans until late in the season. Of best quality. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.40; 10 lbs. \$2.65. Not Prepaid, 15 lbs. \$3.00; 50 lbs. \$9.50.

White Kentucky Wonder

Very early, yet bears for a long season. The pods, 6 to 8 inches long, are borne in clusters, are of a rich dark-green color, very meaty, tender and of excellent flavor and quality. The pearly white beans make splendid dry beans for winter use. Postpaid, pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.60; 10 lbs. \$3.00. Not Prepaid, 15 lbs. \$3.50; 50 lbs. \$10.50.

Lazy Wife

Prolific sort, with handsome pods. They measure from 4½ to 6 inches in length, are thick and fleshy, retain their rich, tender and luscious quality until nearly ripe. The white, dry seeds make excellent winter shell beans. Postpaid, pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.75; 10 lbs. \$3.75. Not Prepaid, 15 lbs. \$4.25; 50 lbs. \$13.00.

Horticultural or Speckled Cranberry

Short, broad green pods which become streaked with red when nearly ripe. As a shell bean, either green or dry, it cannot be surpassed in quality. The beans are large and easily shelled. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.00; 50 lbs. \$9.50.

Red Speckled Cut Short

A popular variety for growing in corn, the vines being lighter than other varieties and will even grow without support; quite productive and of good quality. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.50; 50 lbs. \$10.50.

Dutch Case Knife

Pods very long, flat, green in color becoming creamy white later. Beans broad kidney shaped; flat and white in color. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.45; 10 lbs. \$2.65. Not Prepaid, 15 lbs. \$3.25; 50 lbs. \$9.50.

White Creaseback or Fat Horse

Especially valuable on account of its earliness. The vines are small, but produce large crops on good soil. Good quality as snap beans. Fine to use in the dry state. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.40; 10 lbs. \$2.65. Not Prepaid, 15 lbs. \$3.50; 50 lbs. \$10.50.

STOCK AND SUGAR BEETS

An ever-increasing acreage is being planted to stock Beets, because of the wonderful results from feeding them. Sow in rows 2½ to 3 feet apart as soon as the ground can be thoroughly worked. Cover seed about 1 inch, making ground firm over the seed. When 4 inches high, thin to 8 inches apart. Sow 6 to 8 pounds of seed to the Acre.

Plant Stock and Sugar Beets for Green Winter Feed for Milk Cows and Poultry.

Stock Beets

Mammoth Long Red

The roots often weigh ten to fifteen pounds each. It grows well above ground, is easily pulled; the deep red roots are straight, well formed and solid. Especially adapted to deep soils. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 2 lbs. 90c; 5 lbs. \$2.00.

Giant Sludstrup

Sludstrup is a long reddish yellow root, but not so long as the Mammoth long red. It grows more above the ground and is very easily harvested. The size of the roots, like all other varieties, depends entirely upon circumstances. They are frequently grown to a size weighing from 15 to 20 pounds each. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 2 lbs. 90c; 5 lbs. \$2.00.

Sugar Beets

Sugar Beets are not as heavy yielders as the Mangels, but are of superior quality, containing a large amount of sugar. They are excellent for feeding cows, increasing wonderfully the quantity of milk. Same culture as Mangel-Wurzels.

Vilmorin Sugar

It unites capacity for a large yield with an exceedingly rich flesh, making it the best for cattle feeding. Tops medium sized; roots above medium size, long top-shaped, growing slightly above the surface; white, washed with red at top; flesh fine grained and very sweet. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 65c; 2 lbs. \$1.10; 5 lbs. \$2.50.

Giant Half-Sugar

This unites the large size of the mangel with the greater feeding value of the sugar beet. The roots average ten to twelve inches, and the outline is that of a broad thick wedge. The upper portion is of a soft bright pink, shading lighter toward the bottom where the lower portion for about one-third the length is white. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 65c; 2 lbs. \$1.10; 5 lbs. \$2.50.

GARDEN BEETS

Beets grow best in moderately rich, light loam. Sow the seed as soon as the ground becomes fit to work, in drills 18 inches apart, 1 inch deep.

Tuckers' Crimson Globe

See Illustration. The root is very handsome in shape, being a little deeper than round. It has a very small taproot. The very dark leaves are small and borne on slender stems. It is the exquisite tenderness of the flesh and the complete absence of any stringy or woody character that so thoroughly distinguish this beet. The interior color is very deep crimson, but is ringed or zoned in a most beautiful manner, making it very attractive in appearance. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

Detroit Dark Red

Its small top, early maturing and splendid shape and color have made it a favorite. Top small, upright growing, so that the rows may be close together; leaf, stem and veins dark red, blade green; root globular and very smooth, color of skin dark blood red; flesh deep bright red, zoned with a darker shade, very crisp, tender and sweet, remaining so for a long time. Very uniform in shape, color and quality. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.

Crosby's Egyptian

Much in demand by market gardeners for forcing and early out-of-door sowing. This beet is perfect in shape, and deepest red, almost black, in color. Its fine color and superior quality make this one of the best beets. Postpaid, pkt. 10c; oz. 15c ¼ lb. 35c; lb. \$1.00.

Early Blood Turnip

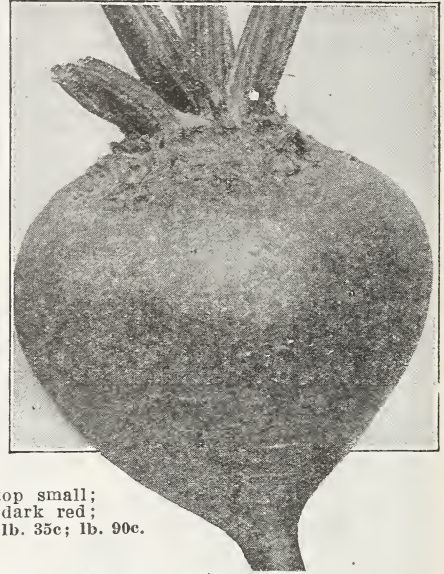
Very uniform. Root is always smooth, round and handsome; top small; of good marketable size and among the best for table use. Color dark red; crisp, tender and sweet; good keeper. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; lb. 90c.

Extra-Early Eclipse

An early Beet especially desirable for the home garden. The tops are small. The roots are bright deep red, smooth, round or slightly top shaped, with a small tap and small collar. The flesh is bright red, zoned with pinkish white, very sweet, crisp and tender. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 90c.

Extra Early Egyptian

Fine for forcing and first early outdoor crop. Makes fine, smooth, almost flat roots. Very dark red beets. Firm, crisp and tender. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.



SWISS CHARD, or SPINACH BEET

Lucullus

The plants grow from 2 to 2½ feet tall and consist when fully developed, of about a dozen creamy white, attractive curled leaves.

Take the leafy portions of the plant and cook like spinach. Prepare the stalks as you would Asparagus. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.00.

CAULIFLOWER

Cauliflower delights in a rich, moist soil and in dry seasons should be abundantly watered, especially when heading. Sow the seed early in the hotbed and transplant 2 to 3 inches apart in boxes or in another hotbed until such time as they are safe to be planted in the open ground, which in this latitude is usually the first of April.

Early Snowball

There is no better cauliflower and our strain is as fine as can be had at any price. It is not only the earliest to head, but a remarkably sure header, making large, solid, perfect, pure white heads of the finest quality. We recommend it also for the late summer and fall crop. As well adapted for forcing as for growing out of doors. Postpaid, pkt. 15c; ¼ oz. 40c; oz. \$1.25 ¼ lb. \$4.25.

Dry-Weather

This is a fine, large, heavy variety that matures about a week later than Early Snowball. It is especially adapted for growing in dry locations on account of its large leaves, which furnish greater protection to the heads. Postpaid, pkt. 15c; ¼ oz. 40c; oz. \$1.25; ¼ lb. \$4.25.



COLLARDS

Sow the seed thickly in drills, in rich ground, transplanting when about four inches high; or sow in drills where the plants are to remain and when well started, thin to two or three feet apart in the row.

Georgia, or Southern

This is the white or green stemmed variety, growing two to three feet high and forming a large, loose, open head or cluster of leaves with a rather long stem. A frost if not too severe, will improve rather than injure the quality of the leaves. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.10.

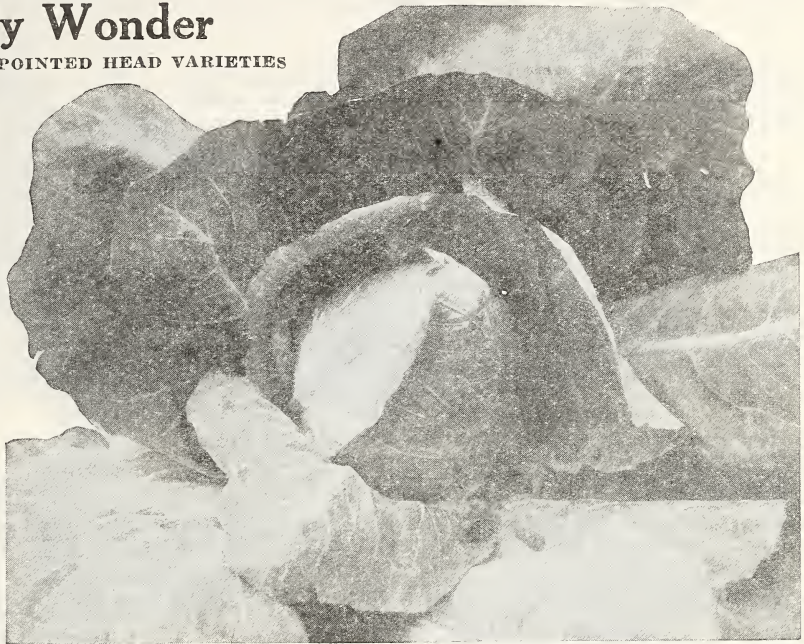
TUCKERS' QUALITY CABBAGE SEED

Cabbage requires deep, rich, mellow soil, and good culture to obtain firm, solid heads. For early use, sow seeds of the early kinds, in hot beds or in a box in the house, the last of January or early in February; transplant into open ground in April. For second early cabbage, sow in April and transplant in May. One ounce of seed produces about 2500 plants.

Tuckers' Early Wonder

GREATEST OF ALL EARLY POINTED HEAD VARIETIES

(See Illustration). — It is very early and large, always extremely solid and fine ribbed. It is exceedingly tender and fine grained. **Early Wonder Cabbage** is more solid and better flavored and keeps in fine condition. It is very dwarf and compact allowing of close planting. Heads fine, pointed-shaped and with few outside leaves, size ideal for marketing. Postpaid, pkt. 10c; ½ oz. 25c; oz. 35c; ¼ lb. 75c; 1 lb. \$2.75.



New Golden Acre

This new variety originated in Denmark. It is very uniform, almost every head can be cut at the same time. The head is medium size, very round and has few outer leaves. It is very firm and on account of its hardness it will stand in the field a month or more without bursting. Postpaid, pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.25; 1 lb. \$3.75.

TUCKERS' EARLY WONDER

Selected Early Jersey Wakefield

Makes a compact solid head, with few outside leaves, permitting of close planting. Very hardy, resisting cold and unfavorable conditions, thus insuring the greatest likelihood of profitable and satisfactory results. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. 75c; 1 lb. \$2.50.

Charleston Large Wakefield

A selection from Early Jersey Wakefield, only it is about one week later than that popular early variety and grows much larger, heads often average 8 to 10 pounds. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. 75c; 1 lb. \$2.50.

Tuckers' Stonehead

HARD AS A ROCK—FINE QUALITY

Tuckers' Stonehead Cabbage is a true round head variety. The heads are large, 12 to 15 pounds each, are solid as a rock, white, crisp and tender. Produces great yields of the finest flavored cabbage imaginable. The heads are perfectly solid and are free from the stem running up into the heads, like most varieties. In season, Stonehead is fully two to three weeks earlier than the late sorts. Postpaid, pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. 75c; 1 lb. \$2.75.

Copenhagen Market

The heads are of exceptionally large size for so early a variety. The plant is of vigorous habit, but compact, with short stem and few outer leaves which are of rather upright growth. Heads round, very solid and of exceptionally good quality. Its earliness, compact growth, evenness of maturing, uniformity and size of head, firmness and most excellent quality combine to make Copenhagen Market one of the most valuable cabbage of recent introduction. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. 75c; 1 lb. \$2.75.

Tuckers' Prize Head Late Flat Dutch

This is beyond question the finest strain of Late Flat Dutch to be had any where and at any price. We have taken great pains in selecting our stock to maintain a high standard. It is a thoroughbred, and will meet every demand for a first-class hard-heading, long-keeping cabbage. Postpaid, pkt. 10c; ½ oz. 20c; 1 oz. 35c; ¼ lb. 75c; 1 lb. \$2.75.

Early Dwarf Flat Dutch

Excellent second early variety; producing fine, large heads. Heads very solid, broad, round, flattened on top, tender and fine-grained. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. 75c; 1 lb. \$2.75.

Henderson's Early Summer

This is one of the best of the large, early cabbages and is exceedingly valuable to the home or market gardener. The heads are larger than the Wakefield type and only a few days later. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. 75c; 1 lb. \$2.50.

Tuckers' Cannon Ball

This is an early variety of the round-headed type, producing a very heavy crop. For uniformity of head, solid, compact nature, and excellent quality it is unsurpassed. The meat is tender, the very few outer leaves make it a variety in great demand. It can be placed on the market as early as any other Cabbage, thus finding an exceptionally good market. A fine home use variety. Postpaid pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.00; 1 lb. \$3.50.

Surehead

The heads are large, thick, somewhat flattened, very uniform in size and color; firm and solid, keeps well and makes a splendid shipper. Heads ordinarily weigh 10 to 12 pounds each and of the finest quality. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. 70c; 1 lb. \$2.50.

Large Late Drumhead

A favorite winter cabbage, recommended for its fine large, deep, heavy and solid, long-keeping heads. Has few outside leaves. Postpaid, pkt. 10c; ½ oz. 20c; 1 oz. 35c; ¼ lb. 75c; 1 lb. \$2.75.

Chinese Cabbage (Pe Tsai)

Also known as "Celery Cabbage," "Odorless Cabbage," "Chinese Lettuce," etc. It is a species of cabbage with a fine delicate flavor, resembles a stalk of celery more than a cabbage head. It is as tender as head lettuce and is in great demand for numerous dishes such as salads, and cole slaw. Postpaid, pkt. 10c; ½ oz. 20c; oz. 30c; ¼ lb. 85c; 1 lb. \$3.00.

TABLE CARROTS

Sow in early spring in drills 15 to 18 inches apart, finally thinning the plants to 3 or 4 inches. If sown early on a moist soil a half-inch is deep enough to cover the seed. The seed is slow to germinate. Keep clean by frequent hoeing and weeding. An ounce sows 100 feet of drill. Four pounds sow one acre.

Improved Long Orange

An improved and pure strain, producing roots of the largest size and superior quality. Color a deep orange, fleshy, very tender. One of the best varieties for home garden or market. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.00.

Chantenay

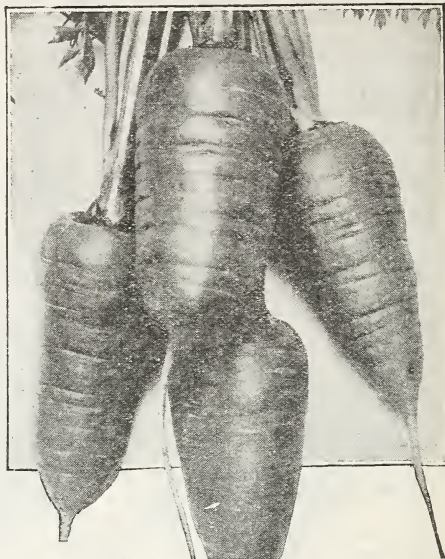
Very productive, medium early and of excellent quality. Tops medium sized, neck small. Roots thick, five and one-half to six inches in length, uniformly half or stump rooted, but tapering slightly, smooth, deep orange-red in color. Flesh very crisp and tender. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.

Danver's Half Long

A rich orange red variety, very smooth and handsome, producing large crops. It is an excellent market variety. Tops are of medium size and coarsely divided. Roots taper to a blunt point. Flesh is sweet, crisp, and tender. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.00.

Guerande or Ox-Heart

A variety with short, thick roots, the diameter often exceeding the length. Color bright orange. Sweet and fine grained; good for table or stock. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.00.



DANVERS HALF LONG

CARROTS FOR STOCK FEEDING

Nothing will keep stock in fine healthy condition better than carrots, fed with grain and dry forage. They are highly nutritious and have a fine tonic effect as well. The varieties quoted below are practically identical except in color; can be stored for winter use like turnips; both are heavy yielders.

White Mastodian

Giant white, best and largest stock carrot grown, nearly one-half its length will be above ground when mature, which makes it easy to harvest. Will produce as many tons of green feed per acre as any vegetable grown. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; 5 lbs. \$3.00.

Large Yellow Belgian

A good keeper and large yielder. Makes long roots, yellow flesh and yellow skin except about one-third which grows above ground. Easily pulled and makes a great yield. Is a very desirable vegetable stock food. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; 5 lbs. \$3.00.

CELERY

Seed should be sown in April in a hotbed or boxes, filled with clean, mellow loam. Sow broadcast or in rows and cover with about one-eighth inch of fine soil or sand, pressing it down firmly. Keep the soil moist constantly. When plants are fairly out of seed leaf transplant into another bed or boxes, or thin out to 2 or 3 inches apart. Plant into the open ground the last of July.

Golden Self-Blanching

Genuine True Stock. The stalks are much broader and heavier than those of the white varieties and greatly superior in quality. The color is very handsome, stalks are crisp, tender and free from stringiness. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.25; 1 lb. \$4.50.

White Plume

One of the most desirable varieties for either home or market use. It self-blanches beautifully, the stalks are crisp, succulent and of delicious flavor. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. 90c; 1 lb. \$3.00.

Easy Blanching

A new variety remarkably easy to blanch, which together with its being adapted to early use as well as storing for winter make it especially suitable for the home garden. Stalks thick, brittle and excellent flavor; plant strong, healthy grower. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.15; 1 lb. \$4.00.

CELERIAC

Grown exclusively for its roots, which, when cooked, sliced and used with vinegar, make a fine salad.

Giant Smooth Prague

The best variety; large and smooth roots; excellent keeper. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. 90c; 1 lb. \$2.75.

GOOD SEED

Your crop is dependent on the seed you plant. Strong virile new seed produces the best quality of vegetables. Plant Tuckers' Quality Brand Seeds, and your garden will be a success.



GOLDEN SELF-BLANCHING

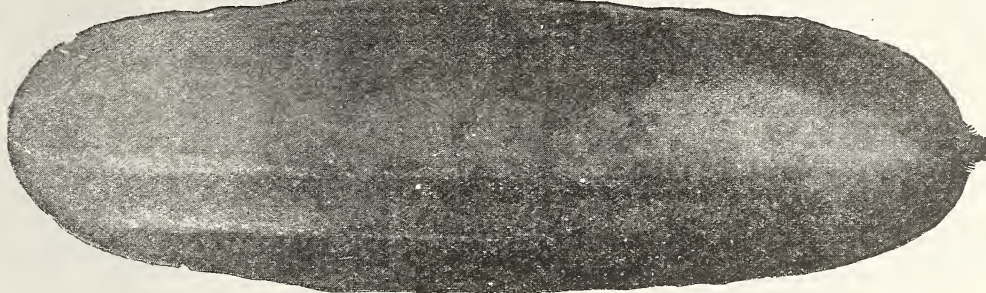
CUCUMBERS

Do not plant cucumbers before danger of frost has passed as the plants are very tender and the least frost will damage or kill them. Plant in hills or rows four feet apart, 10 to 15 seeds to each hill, make soil very rich. For pickles plant from June first to middle of July.

Tuckers' Superior Dark Green

The Perfect Ideal Dark Green Cucumber

In our estimation this is the best cucumber grown. It can be aptly described as the perfect cucumber. The fruits are a glossy dark green. It is equally good as a pickle cucumber or for slicing for table use. The flesh is solid, tender and of excellent quality at all stages of growth. It is very prolific, bearing fruits of even size all through the season. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.50.



TUCKER'S SUPERIOR DARK GREEN

Improved Long Green

Vines very vigorous and productive. The fruits are very long, slender and of uniformly dark green color. Furnishes some fruits early, but matures the bulk of its crop rather late. Excellent for slicing and very largely used for pickles. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

Ideal

An Ideal Variety to Plant for General Crop.

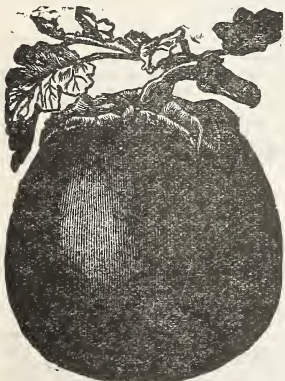
A black-green cucumber that holds its color. The rich color holds for several days and on account of this profitable characteristic it is largely planted by market gardeners and truckers. It is extremely prolific, and very early. It is crisp and tender and retains its fresh appearance long after being gathered. The fruit is from eight to nine inches long. It is a type of the most perfect size, just what is wanted either for the table or market. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

Early White Spine

Very prolific, early, of good size, straight, well formed and full at both ends. The fruit is from six to eight inches long and two to three inches in diameter with flesh of excellent flavor, white; clear, crisp and very tender. Postpaid, pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

Davis Perfect

By using this variety gardeners can produce out-of-doors cucumbers that will sell in the market for hot-house forcing varieties. The shape is ideal. It is almost seedless one-third of its length from the stem, and the few seeds that are contained in its blossom end when in eating condition are so small and tender that they are hardly noticeable. Most important of all; it does not lose its dark, rich color when grown out-of-doors. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.10.



EGG PLANT

Small Gherkin

(For pickles). A very small oval prickly fruited sort quite distinct from all others and grown exclusively for pickles. It is the smallest of all the varieties and should always be picked when young and tender. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.50.

Early Fortune

In color it is an attractive deep green. Being fine grained, its white flesh is exceedingly crisp and brittle, making it an excellent slicing sort. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.10.

Early Green Cluster

This is a short variety, which matures very early and is an excellent forcing kind. It is rather prickly and contains but few seeds. It is a great favorite for pickling on account of its productiveness. Postpaid, pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 90c.

Green Prolific or Boston Pickling

Of uniform growth, seldom too large for pickling immensely productive. Postpaid, pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

Everbearing

Wonderfully prolific. Bears continuously the entire season. Blossoms and cucumbers at all stages of growth are found on the same vine. It is one of the earliest sorts and is a heavy cropper. The cucumbers will average about five inches in length and are of good form and color. An excellent sort for small pickles. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

Early Russian

An extra early fine quality variety for pickles. Early Russian is very prolific, produces great quantities of dark green fruits, averaging about 3 to 3½ inches long and is a continuous bearer. We recommend it as one of the best pickling varieties known today. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.10.

EGG PLANT

Sow in hot bed in February or March and keep well protected so that the growth be rapid and not checked. When 2 inches high, transplant to pots, in boxes or in the beds 3 to 4 inches apart, and when frost is past, set out 3 feet apart in a deep, rich loamy soil. Dust lightly with Slug Shot to protect from bugs. Seeds germinate slowly. One ounce will produce about 1,000 plants.

New York Improved Large Purple

The standard variety everywhere. The eggs come early, are of large size, regular oval shape and a fine, deep purple in color. Postpaid, pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50.

Black Beauty

From ten days to two weeks earlier than the purple varieties, and of rich, lustrous, purplish black color, and is a distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits. The fruit is very attractive in appearance. This variety is entirely spineless. Quality the very best. Postpaid, pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50.

SWEET OR SUGAR CORN

Don't Plant Sweet Corn Deep—Sweet Corn should not be planted over an inch deep; most people plant two or three inches deep, most sure to rot.

The Sweet or Sugar Corn Varieties, being liable to rot in cold or wet ground, should not be planted until May or when the soil has become warm and dry. For a full supply for the table during the entire season, plant every ten days or two weeks until the last week in July.

Tuckers' Early Sugar Queen

The most delicious Early Sweet Corn you have ever eaten. In this new variety of Early Sugar Corn you will find the Purest Ivory White Corn. Sweetest Flavor and earlier than any early Sugar Corn you have ever grown. Early Sugar Queen matures in about 55 days from planting. Early Sugar Queen is the sweetest Early Sugar Corn you can possibly grow. The color is a pure ivory white, and the ears contain from 10 to 12 rows of grains each. Ears are perfect shape and filled well, clear to the end. Postpaid, pkt. 10c; 1 lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00; 10 lbs. \$1.75. Not Prepaid, 25 lbs. \$3.50; 50 lbs. \$6.50.

Tuckers' Sweetheart

Absolutely the Whitest and Sweetest Main Crop Sugar Corn. The ears are large, measuring 8 to 9 inches long, thick through, with 10 or more rows of plump and purest white kernels that are of most deliciously sweet flavor. Stalks average 6 feet tall, broad leaved and very strong growing. Sweetheart Sugar Corn is not an extra early, but a medium early main crop variety. We especially recommend this new corn for your home garden, and know positively that you will be more than pleased with the results. Postpaid, pkt. 10c; 1 lb. 30c; 2 lbs. 55c; 5 lbs. \$1.25; 10 lbs. \$2.25. Not Prepaid, 25 lbs. \$4.00; 50 lbs. \$7.50.

Golden Bantam

The earliest and sweetest yellow grained sugar corn. Although the ears are not large, this is more than made up by its deliciously sweet flavor and tenderness. The ears are about 6 inches long and at least two ears are borne on each stalk. Postpaid, pkt. 10c; 1 lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00; 10 lbs. \$1.75. Not Prepaid, 25 lbs. \$4.00; 50 lbs. \$7.00.

Howling Mob

A large eared early sweet corn, generally producing two good ears to a stalk, averaging 7 to 9 inches long, with 12 to 14 rows of pearly-white grains. The stalks grow 4 to 5 feet high. Postpaid, pkt. 10c; 1 lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00; 10 lbs. \$1.75. Not Prepaid, 25 lbs. \$4.00; 50 lbs. \$7.50.

Country Gentleman

One of the richest flavored of all the late varieties. As a table corn, this variety without a doubt is one of the most luscious of all varieties of Sweet Corn. Postpaid, pkt. 10c; 1 lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00; 10 lbs. \$1.75. Not Prepaid, 25 lbs. \$3.75; 50 lbs. \$6.50.

Stowell's Evergreen

The standard main crop variety much used for the home garden, market and canning. It is hardy and productive, very tender and sugary, remaining a long time in condition suitable for boiling. The ears average about 7 to 8 inches long; 14 to 20 rowed, with very white grain. Postpaid, pkt. 10c; 1 lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00; 10 lbs. \$1.50. Not Prepaid, 25 lbs. \$3.75; 50 lbs. \$6.50.

Early Adams

An excellent early field variety used for table. Ears about eight inches long, 12 to 14 rowed; kernels white, rounded somewhat deeper than broad. Postpaid, pkt. 10c; 1 lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00; 10 lbs. \$1.50. Not Prepaid, 25 lbs. \$3.50; 50 lbs. \$6.00.

Golden Giant

The stalks grow 4½ to 6 feet high, producing in 65 days two to three good ears 7 to 9 inches long with 12 to 16 rows of long, deep kernels of deep orange color. The husk is very heavy, affording the end protection from worm and bird. It is an excellent yellow grained corn for the home or market garden. Pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 70c; 5 lbs. \$1.50; 10 lbs. \$2.75.

Golden Sunshine

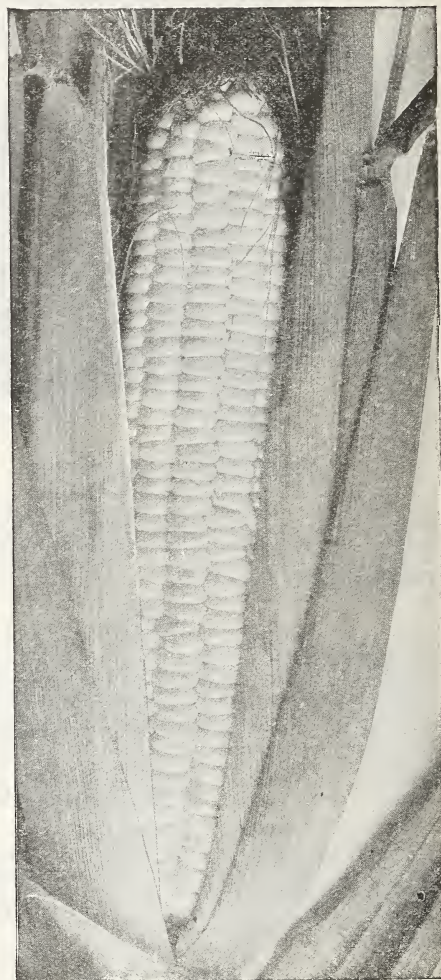
A new type of Golden Bantam having the same quality, but maturing its good size ears about 10 days earlier. Stalks growing 4½ feet high often producing 2 or more fine ears about 7 inches long with 12 rows of deep, rich golden yellow kernels of the most sugary, tender and luscious quality. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75.

Endive

For an early crop, sow in April in drills 15 inches apart, and later thin the plants to stand 12 inches apart in the row. The main sowings are made in June and July. When nearly full grown, gather up the leaves and tie them by their tips to blanch them. One ounce of seed will sow 150 feet of drill.

Fine Green Curled

Hardest variety, the most desirable for home use or market garden. Deep green leaves, beautifully cut and curled; easily blanched. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.



TUCKERS' SWEETHEART

Early Minnesota

The stalks are about 6 feet high and bear two ears well covered with husks. The ears are about eight inches long, rowed; kernels very broad, sweet and tender, not shrinking much in drying. Postpaid, pkt. 10c; 1 lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00; 10 lbs. \$1.75. Not Prepaid, 25 lbs. \$3.75; 50 lbs. \$6.50.

Early Evergreen

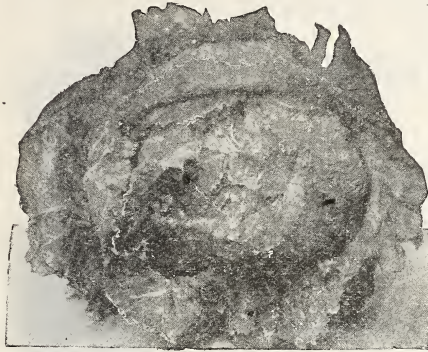
This variety resembles the Stowell's Evergreen, but is ready for use much earlier. The ears grow to a good size, usually about 7 inches long, and contain from 12 to 14 rows of deep, sweet grains. Postpaid, pkt. 10c; 1 lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00; 10 lbs. \$1.75. Not Prepaid, 25 lbs. \$3.50; 50 lbs. \$6.50.

Early White Curled

The plants are moderately dense, with divided leaves which are very light yellowish green in color, even the outer ones being very light. This variety blanches readily to an attractive creamy white. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

TUCKERS' QUALITY LETTUCE

Lettuce to be at its best should be grown rapidly, hence the soil should be made as rich and friable as possible by liberal manuring and thorough preparation. For general crop, sow outdoors as early in the spring as the ground can be worked, in drills eighteen inches apart and thin the young plants to four inches apart in the row. As the plants begin to crowd, thin them out and use as required. For the cabbage or heading varieties where large heads are desired, the plants should be thinned ten to twelve inches apart in the row.



BIG BOSTON

Creamy Heart

A Wonderful Head Lettuce

Creamy Heart is the latest introduction in head varieties. It is ideal in shape and flavor. Early, crisp and tender. We especially recommend this new variety for your home garden. Postpaid, pkt. 15c; ¼ lb. 50c; lb. \$1.75.

Selected Grand Rapids

Especially adapted for greenhouse culture in winter; also a good Lettuce to sow outside early in the Spring for family use. Grand Rapids does not form a head, but makes large, compact bunches of light, attractively curled and fringed leaves. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

Black Seeded Simpson

One of the best for sowing outdoors. The color is an attractive light yellowish green. The leaves are ruffled and blistered and even the large outer ones are very tender. This curly and thin-leaved, bunching variety is uniformly attractive and remains of excellent quality a very long time. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.25.

Prize Head

Mammoth heads; even the outer leaves are crisp and tender; light green, tinged with brownish red. Superb flavor; very hardy; very fine for home use. Postpaid, pkt. 5c; oz. 15c; ¼ lb. 35c; lb. \$1.25.

Improved Hanson

None more reliable for outdoor cultivation. Heads grow to a remarkable size, resembling that of a flat cabbage. Extremely slow to run to seed. Outer leaves are bright green, inner leaves white and deliciously sweet, tender and crisp. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

California Cream Butter

Stands the hot summer weather of the west and south better than most any other variety. Well formed large heads with rich, yellow leaves that are thick, tender and fine flavor. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

Kohl Rabi

For early use, sow in hot bed, transplant and cultivate like Early Cabbage. For winter use, plant the middle of June or first of July outdoors in rows 18 inches apart, transplanting or thinning out to 8 inches in the rows. One ounce of seed sows 200 feet of drill.

Early White Vienna

Greenish white outside with clear white flesh within. Smooth, short leaf, good for forcing; fine quality. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

Early Purple Vienna

Same in every respect as the early White Vienna except in color. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

Selected Big Boston

A Grand Large Head Lettuce for Early Summer or Fall use. Big Tender and Crisp. Creamy White Heads. A most desirable variety, either for forcing in cold frames or open ground planting. Is of crisp, tender quality. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

May King

This remarkable variety has proven itself capable of satisfying the most exacting requirements that could be made on an early outdoor lettuce. It is not easily affected by cold or wet weather, grows very quickly and produces, even in poor soil, splendid globular heads very early in the spring. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

Iceberg

A beautiful lettuce, with large curly leaves of a bright, light green, with a very slight reddish tinge at the edges. Handsome heads, unusually solid because of the natural tendency of the large, strong leaves to turn in, which also causes thorough blanching. Crisp, tender and fine flavor. Very satisfactory. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

Tuckers' Mammoth

This splendid mammoth heading and long-keeping variety has been grown to weigh 2 to 3 pounds to the head. Heart is solid, of light creamy color, very sweet, tender and crisp. Longstanding. Perfect heads may be cut from the same bed for many weeks. The plant is very large but compact and tight heading; outer leaves attractive deep green, broad, frilled at edges. The inner leaves form a large head, very sweet and tender when in condition for use. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

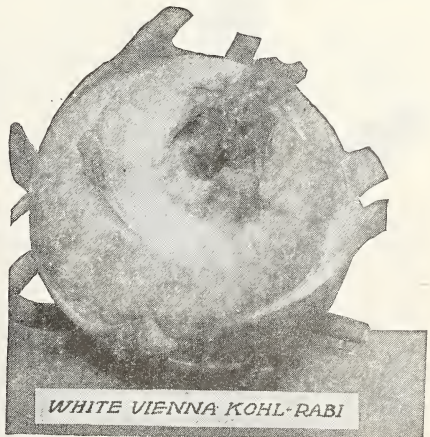
Early Curled Simpson

A leading early sort; does not head but forms a compact mass of curly leaves of yellowish green; generally grown in cold-frames and as an early crop. Very tender and most crisp. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.25.

Celery Lettuce

Trianon Cos

This variety is the finest of the Cos or blanching sorts. The long, narrow leaves, which form solid heads, blanch and become snowy white. The leaves when blanched, are stiff like celery, and can be eaten in the same manner. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.75.



MUSTARD

The leaves are used as a salad or may be boiled like spinach. Sow seed in any good garden soil early in the spring, in rows $1\frac{1}{2}$ to 2 feet apart and when well up thin out the plants so as to stand 8 to 10 inches apart. By making several sowings a week or so, apart, the fresh tender leaves may be had throughout the season.

Ostrich Plume

The leaves are finely cut and densely curled resembling wavy ostrich plumes. Of very thick growth and mild flavor. The finest mustard in existence. Postpaid, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 85c.

Giant Southern Curled

This variety is a great favorite for garnishing. Grows about two feet in height with very dark green leaves, the edges of which are finely curled. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 75c.

White or Yellow London

The leaves are comparatively small and smooth, deeply cut or divided and of medium dark green color. The leaves when young are mild and tender. Seed light yellow and large. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

HERBS

Herbs delight in a rich, mellow soil. Sow in early Spring, in shallow drills, 1 foot apart; cover lightly with fine soil, and when up a few inches, thin out, or transplant into prepared beds.

Sage—Used for flavorings and dressings. Postpaid, pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 45c.

Dill—This herb is used in large quantities in the making of Dill pickles; also for flavoring vinegar. Postpaid, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Rhubarb or Pie Plant

Will not stand extreme heat, so it should be grown in a moist or shaded situation. Sow in March or April, and when a few inches high, thin out to 12 inches apart, and in the fall, or following spring, transplant $2\frac{1}{2}$ to 3 feet apart in 6-foot rows.

Giant Victoria

Stalks sometimes weigh 1 pound each. Skin thick and red stained. Pulp quite acid, productive and profitable for market gardeners. Postpaid, pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Rhubarb Roots

We supply fine roots of the Giant Victoria, not seedlings. Mailing size. Postpaid, each, 10c; dozen \$1.00; 25 for \$1.75. Not Prepaid, 100 for \$3.75; 1000 for \$35.00.

Horse Radish

Roots ready for planting, postpaid, 6 for 25c; Dozen, 45c; 50 for \$1.75. Not Prepaid, 100 for \$2.50; 500 for \$10.00; 1,000 for \$17.50. Prices on larger lots on application.

QUALITY TOBACCO SEED

A very clean piece of land is best for the tobacco plant beds, hence it is customary to burn a piece of land or pile of brush in the woods for same. This destroys grass, weeds and insects, adds fertility through the action of the wood ashes, and leaves the ground in good order. The seeds are sown about February. When large enough and weather is settled (about June), set the plants out in highly manured or fertilized soil in $3\frac{1}{2}$ foot rows, 3 feet between the plants. Constant care must be given, cultivating, suckering, worming, etc.

Improved White Burley

Well known sort of great merit; leaf large; broad; cures a very desirable color. Postpaid, pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

Havana

Used for cigar purposes, although sometimes used as manufacturing sort. Has a very large long, fine quality leaf. Postpaid, pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

Broad Leaf

A well-known standard sort; very large yielder, an ideal sort for home use. Postpaid, pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

Okra

The young seed pods of this plant are largely used for soups, stews and catsup. The seed can be sown soon as all danger of frost is past and the ground is warm. Sow in rows about $2\frac{1}{2}$ feet apart and when plants are well up, thin to 18 inches apart. One ounce will sow a 40-foot row.

Dwarf Green Pod

Plant dwarf, are very productive. Produces beautiful, long slender, deep green pods which remain tender a long time. An extra choice variety. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c.

White Velvet

Distinct in appearance; the large pods are perfectly round, smooth, an attractive velvety white of superior flavor and tenderness. Plant of compact branching growth; prolific. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c.

Mammoth Russian Sunflower

Sunflower Seeds Are Egg Producers

Has very large single heads borne at the top of a single unbranched stalk usually, and with much more and larger seed than the common sorts. It is used extensively for feeding poultry and is an excellent egg producer. Also largely planted for hiding unsightly places. The plant often grows ten feet high. Sow seed as soon as ground is fit for planting corn, in rows, 3 to 4 ft. apart and about 1 foot apart in row. Cultivate the same as corn. This variety will yield 1,000 lbs. or more of seed per acre. They grow readily in almost any soil but do best on light, rich, limestone or alluvial land well supplied with moisture and not shaded by trees or buildings. Postpaid, pkt. 10c; lb. 20c; 2 lbs. 35c; 3 lbs. 50c; 10 lbs. \$1.25. Not Prepaid, 50 lbs. \$4.00; 100 lbs. \$7.50.



OKRA



MUSKMELONS

After danger of frost is past, the ground being warm and in good condition, plant in rich soil preferably sandy loam, in hills about four to six feet apart according to the vigor of the variety. Put ten or twelve seeds in a hill, covering with about an inch of fine soil firmly pressed down. When the plants begin to crowd and the striped beetles are pretty well gone, thin to four of the most vigorous plants in a hill. Give frequent but shallow cultivation.

Rust Resistant Rocky Ford

This is the highest development yet attained in the Rocky Ford Cantaloupe, both in netting and rust-resistant qualities. The melons appear as shown in cut, solid net, the heavy gray netting being closely laced and interlaced over the entire surface of the melon from the stem to the well-developed blossom button. The meat is light green and very deep; its flavor is not excelled by any of the green meat sorts. It is highly rust-resistant. It yields a heavy crop, continuing long in bearing, and cannot fail to please. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.10.

Honey Ball

A Delicious New Cantaloupe
Thick Meat, Small Seed Cavity

The Honey Ball averages a little larger in size than the Rocky Ford. Shape, round as a ball, slightly netted, and has a very thick wall of very delicious green meat clear to the rind. Very small seed cavity, high sugar content and delicious flavor. The rind is hard and tough, which makes it a splendid shipper. Color of rind greenish white until fully ripe, when they turn to a light yellow. Very prolific, vines having as many as 25 fine Melons to the plant.

Resists Drought

The Honey Ball seems to be the best drought resisting Cantaloupe that has ever been grown.

Mature in 100 Days

Honey Balls mature a week later than the Rocky Fords, or in about 100 days, and continue to bear after other Cantaloupes are gone. The melon is ripe when it can be pulled loose from the stem or when you can make an impression on the rind with your thumb as on a mellow apple. Honey Ball Cantaloupes are in the right condition to pull for home use and to ship to nearby markets when they turn a light yellow color and when you can take hold of the melon and pull it off the vine so that the vine comes loose from the melon, if the stem breaks the melon is not ripe. After the melons have been pulled it is best to keep them a few days before eating. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

Honey Dew

A Delicious New Melon. Its name has been well chosen, as it is about as sweet as Honey. The average size is about 6 inches in diameter, and they weigh 5 to 8 lbs. The skin is smooth with little netting, and of creamy yellow when ripe. The flesh is a beautiful green next to the outside rind, shading to light green at the center. It is very thick, melting, fine grained and can be eaten almost to the rind, and the seed cavity is quite small. It is very prolific and will keep for several weeks. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Tuckers' Champion Market

Champion Market is one of the sweetest and most luscious green-fleshed cantaloupes. Distinctly ribbed and thickly netted; color of skin grey-green. The flesh is an attractive green of exquisite texture, sugary, juicy, tender and entirely free from any stringiness. The vines are of luxuriant and vigorous growth, yielding bountifully. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.10.

Pollock 10-25 (Salmon Fleshed)

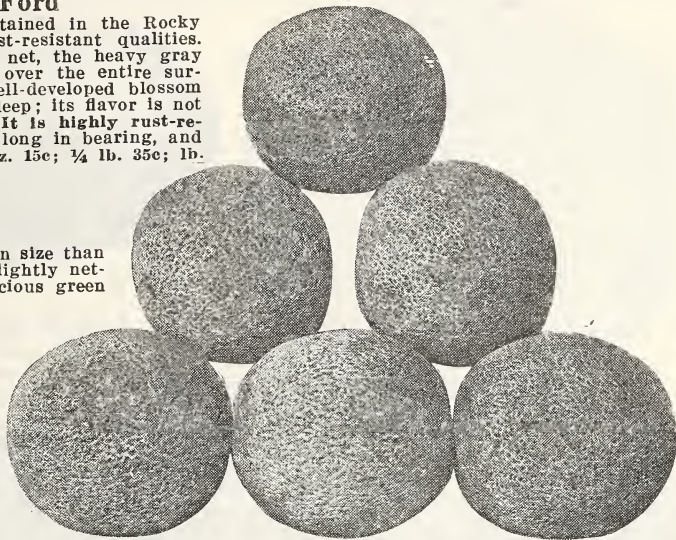
The fruits are extremely uniform, heavily netted with no trace of ribs, and the vines are rust-resistant. It is fairly early and its long distance shipping qualities are surpassed by no other melon. The melon cuts with a golden center, generally shading out to emerald green near the rind. Pollock 10-25 suits the commercial grower, for it produces abundantly of even, well sized netted melons which pack evenly and get on the market as early as other similar sorts. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.35.

Greeley Wonder

The melon is large size, round, but slightly flattened at the ends. The flesh is of light orange color, very thick and of the most delicious flavor. The melons will average ten to twelve pounds and are borne in goodly numbers. Try the Greeley Wonder this year. It's a good one. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

Banana

Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon. Fragrant, and one of the most delicious of melons. Early. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.10.



Rust Resistant Rocky Ford

Osage or Millers Cream

A favorite salmon-fleshed variety. Large, oval, slightly ribbed and netted; skin is very dark green. Flesh is very thick and sweet flavored, most delicious to the rind. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 30c; lb. \$1.00.

King of the Giants

This is the largest Cantaloupe known, the melons often attaining a weight of 25 pounds. The flesh is unusually thick, being an average of 2 inches, and the flavor is delicious and melting. The melons are slightly oblong and deeply ribbed and the color and flesh are green. The vine is prolific and the fruits mature in about 80 days. It is an extra fine market melon where large size is wanted. Try this new melon this year. You will not be disappointed. Postpaid, pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.50.

Delicious Gold Lined

One of the Sweetest and most Delicious Melons. (Green flesh)—The melons are deeply netted, with a heavy grayish netting. Its shape is ideal, very slightly oval, no ribs and is heavily netted over the entire melon. A wonderful prolific yielder. The close and deep netting protects its keeping and shipping qualities. The seed cavity is very small, the attractive green flesh is thick and firm, and lined with a gold margin next to the seed, making it one of the best melons for market as well as the home garden. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.50.

Hearts of Gold

This is an orange fleshed variety of medium size. The vines are vigorous, blight resisting and very productive. The fruits are nearly round. The netting is exceptionally fine and dense, extending over practically the entire surface. The rind is thin, yet very firm and the flesh is very thick, firm, highly colored, of fine texture and delicious flavor. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

Tip-Top

Tip-Top in Quality—Tip-Top in Appearance—Tip-Top in Productiveness. The testimony of all who have used Tip-Top is that every melon produced whether big or little, early or late, is a good one—sweet, juicy, finest flavor, firm fleshed, and edible to the outside coating. Fruit of large size, and flesh attractive bright salmon in color; nearly round, evenly ribbed, moderately netted, very productive. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 30c; lb. \$1.00.

Mixed Muskmelon Seed

In this mixture we have included seed from all of the varieties listed on this page. You will find it dandy for your home garden, as it will give you a greater variety to select from. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

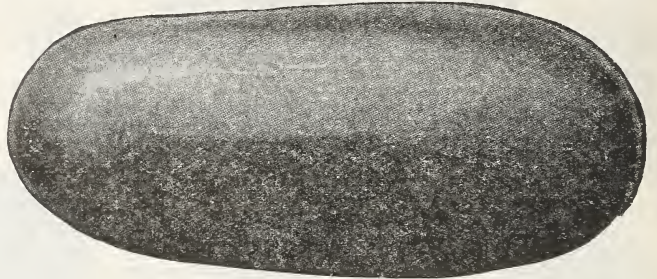
WATERMELONS

A light, sandy soil, with good exposure to the sun, is the best situation to plant Water Melons. The ground should be prepared deep, but the plants should receive shallow cultivation. Hoe often and very thoroughly. Plant in hills eight to ten feet apart each way, with a very generous shovelful of well-rotted manure mixed with the soil in each hill. One ounce of seed will plant 20 to 30 hills, 3 to 4 lbs. will plant an acre.

Tuckers' Delicious

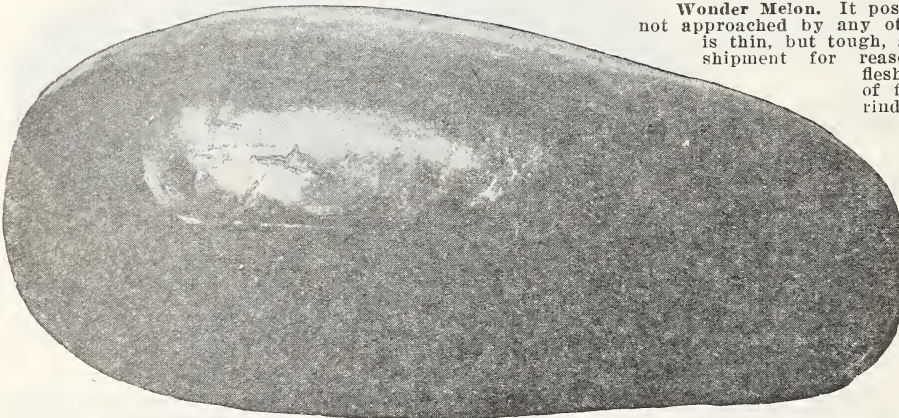
A Grand Watermelon. Delicious Melons are oblong in shape. Averaging eighteen to twenty inches in length, color light green, flesh of the deepest indescribable crimson, delightfully sweet and refreshing. The vines are robust and strong growing. They should be planted fully 12 feet apart each way, often setting fruit before runners are a yard long and so prolific that you can almost walk across the patch on the melons.

One distinct feature of this melon is that the flesh is a good deep red by the time the seeds are formed in it, often before the melon is really half grown. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; 2 lbs. \$1.75.



TUCKERS' DELICIOUS

Wonder Melon—A Grand New Melon



Wonder Melon

Wonder Melon. It possesses a flavor that is not approached by any other variety. Its rind is thin, but tough, and it will stand safe shipment for reasonable distances. Its flesh is a rich red and full of flavor right up to the rind, without any hollow.

The seeds are large and white and relatively few to the melon. It is large and long. The color is dark solid green, a most attractive article. Anyone who plants watermelons, for any purpose, should plant Wondermelon. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; 2 lbs. \$1.75.

Kleckley Sweets

Of superb, luscious flavor, very desirable to plant for home use or local markets. The melons are oblong in form, with dark green skin, with distinct netted lines of a darker shade. The thin rind is very brittle. Flesh bright scarlet with solid heart, deliciously crisp, sugary and splendid in every way. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; 2 lbs. \$1.35.

Halbert Honey

The melons average 18 to 20 inches in length; 6 to 8 inches in diameter. Color of rind a clear, glossy deep green. The flesh is a beautiful crimson, extending to within less than half an inch of the rind, which, like the flesh, is so tender it will not stand shipping any distance unless carefully handled. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; 2 lbs. \$1.35.

Tom Watson

Is an extra long melon of attractive appearance, uniform in shape and quality. The luscious crimson flesh is "as sweet as honey" melting and of superb flavor. The average melon will weigh 35 to 40 lbs. and measures about 28 inches long and about 12 inches in diameter. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; 2 lbs. \$1.35.

Honey Boy

A Superbly Flavored New Melon

Honey Boy grows uniformly large, long, thick and solid, weighing 40 to 50 pounds, and every Melon a good one. The flesh is sparkling red, very sweet, and delicious flavor. Color of rind dark, glossy green. Small crease-like marking on it that makes it very attractive in appearance, and very few other Melons have as small a seed cavity. Seeds are broad, pearly white. The eating qualities of this Melon are unexcelled. The large heart of sparkling red color is very sweet and melting, absolutely free from cores or hard center. The rind is thin. Resists drought, heat, and wet weather better than any other melon, and under favorable conditions produces wonderful crops of fine melons. If you want to grow the finest melon you have ever seen, be sure to plant "Honey Boy." Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.75; 2 lbs. \$3.25.

Golden Honey Improved

A beautiful golden-flesh melon, one of the finest we have ever tasted. The flesh is a beautiful glistening amber shade of yellow. It is medium early, of uniform large size and oblong shape, and has a very handsome appearance. The color of the rind is light green, with mottled stripes. This melon has no hard core or stringy sections. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. \$1.00; 2 lbs. \$1.75.

Sweet Heart

Large and heavy, oval shape, pale green color with distinct, netted lines of a darker shade. The solid flesh is deep rich red; crisp and luscious. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 65c; 2 lbs. \$1.20.

Japanese Honey

This melon, known as the King and Queen watermelon, is adapted to all sections of the country. It matures its melons late, usually in about 95 days. Producing melons very light in color with a suspicion of a stripe. Size 10 inches in diameter. Seed small shiny black. Flesh pink. Solid and stringless. The flavor is sweet, crisp and surprisingly delicious. This melon should not be eaten right off the vine, but be allowed to ripen slowly after being picked. They will keep until Christmas. Melons of this variety can be stored up to three months and remain in excellent condition. Postpaid pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. 90c.

Irish Gray

Extra Fine Quality. Long, thick, uniform; color of rind, yellowish grey interwoven with threadlike veins, smooth marble-like surface, almost as hard as the Citron, flesh sparkling bright red, sweet and entirely free from hard centers or stringiness, yet the flesh is very firm and compact, will not break when sliced, one of the best shippers; average size 40 pounds; time for ripening 85 days, seeds white. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; 2 lbs. \$1.35.

Mixed Watermelon Seed

This mixture contains all of the varieties listed on this page, besides others which we did not have room to list. The seed is strictly first-class in every way. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 65c; 2 lbs. \$1.15.

TUCKERS' QUALITY ONION SEED

Onion seed should be sown as soon as possible in the spring, even if the weather is cold, just so the soil works up well. This gives the onion a good start and ahead of weeds and before dry weather sets in. After thoroughly pulverizing the soil, sow 4 to 5 lbs. to the acre in drills one foot apart and about ¼ inch deep. When 4 inches high, thin out to stand 3 to 4 inches apart in the rows, keeping them well hoed and free from weeds.

Southport Red Globe

The handsomest of all red onions. The bulbs are remarkably uniform in shape, of a rich red color, ripens evenly and yields the largest percentage of marketable onions. They ripen down hard and solid, keep well, and their beautiful appearance insures a ready market. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.85.

Large Red Wethersfield

For general purposes the country over, no red variety is more largely grown. One of the largest, most uniform and heaviest yielders. Large size; skin deep purplish red; form round, somewhat flattened; flesh purplish-white. Yields enormous crops. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.85.

Mammoth Yellow Prize-Taker

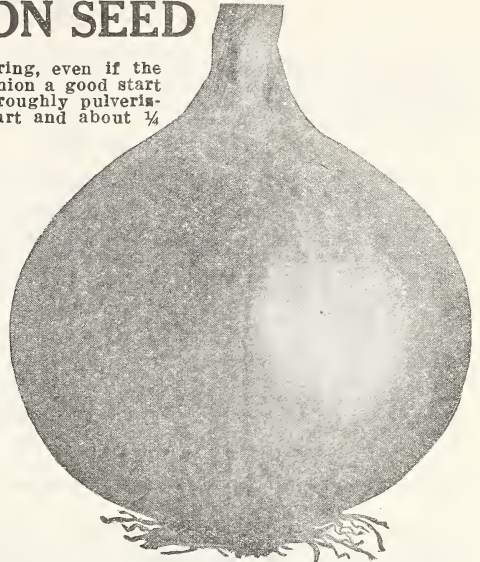
Enormous size, 12 to 14 inches in circumference. Although of such great size, it is very hardy and a good winter keeper, as it ripens up hard and firm; very fine grained and a mild delicate flavor. The outside skin is a rich yellow, while the flesh is white. They bottom well, are free from stiff necks and have produced more bushels of marketable onions to the acre than any other variety. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.85.

Southport Yellow Globe

A Popular Yellow Globe Onion for Home or Market. One of the most popular of the Yellow Globe onions, Perfectly globe shaped with rather full shoulder, rich yellow skin, fine grained, mild, creamy white flesh. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.85.

Southport White Globe

Yields abundantly, producing medium to large, handsome and finely shaped, clear white bulbs. The flesh is firm, fine grained, quite mild in flavor and is more attractive than the colored sorts when cooked. Bulbs globe-shaped, full at the shoulder, rounded at the base and keep well. Postpaid, pkt. 10c; oz. 20c; ¼ lb. 70c; 1 lb. \$2.50.



SOUTHPORT RED GLOBE

Mammoth Silver King

One of the largest onions in cultivation. Very large, early, flat, but thick through. Tender and of very mild, sweet flavor; uniform in size and shape. Postpaid, pkt. 10c; oz. 25c; ¼ lb. 95c; 1 lb. \$3.75.

White Portugal, or Silver Skin

An early white flat onion. Fine for using as green onions or as a winter variety. Postpaid, pkt. 10c; oz. 25c; ¼ lb. 70c; 1 lb. \$2.50.

Extra-Early White Barletta

The very earliest Onion in cultivation. One of the best for pickling, being naturally quite small. Pure white, mild delicate; adapted for table use; makes an extremely pretty bunch onion. Postpaid, pkt. 10c; oz. 20c; ¼ lb. 90c; 1 lb. \$3.00.

Bermuda Onion Seed and Plants

The large, sweet Bermuda Onions that are grown in Texas and sold all over the United States are considered the sweetest and best flavored of all the onion family.

White or Yellow Bermuda

The most popular of the Bermuda varieties. It is the standard variety with the large commercial Bermuda onion growers in Southwest Texas and elsewhere. It is a light straw colored onion. No onion compares with the Bermuda in mildness of flavor. We recommend this variety unreservedly for earliness, good yields and mildness of flavor, either young for pulling green or fully matured. Postpaid, pkt. 10c; oz. 30c; ¼ lb. 85c; 1 lb. \$3.00.

Crystal White Wax

Unquestionably the most attractive onion in the world. It is an absolutely pure white Bermuda Onion with a most beautiful waxy appearance that makes it sell on sight in all markets. This is the onion retailers so generally offer for sale as it really sells itself. No other onion has such clear white skin, such mildness of flavor. It is deliciously tender and can be eaten raw like an apple. A large yielder, consequently a highly profitable type to grow. Postpaid, pkt. 10c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50.



Bermuda Onion Plants

Onion plants are becoming more popular than onion sets. The set has to be absorbed by the new growth before it begins to form the new onion, whereas the plant begins to grow as soon as it is planted and makes more headway than the set, producing delicious young onions for table use during the late spring and early summer. Onions grown from plants are larger and do not run to seed in the spring like sets. They can be set out at the same time you would plant onion sets or cabbage plants with every assurance of producing a good crop of onions. Onion plants will usually produce onions two to three times larger than those grown from the dry sets. Plant in rows about 15 inches apart, and 3 to 4 inches apart in the rows. The plants will average about 4 to 5 inches tall and are certain to grow and produce fine, sweet onions. Packed 100 plants to the bunch. Varieties: Crystal White Wax, and White or Yellow Bermuda. Please specify which variety is wanted. Postpaid, 100 for 25c; 500 for \$1.00; 1000 for \$1.50; 6000 for \$7.50. Larger quantities at \$1.15 per thousand.

ONION SETS

Choice Sound Sets free from sprouts. Prices subject to Market Changes. Write for firm price on any quantity you may want. We are large handlers and will name you attractive prices in large quantities. A quart of onion sets weighs about 1 lb. A bushel is 32 pounds.

Red Bottom Sets

Sound, bright stock. Postpaid, quart 15c; gallon 50c; peck, 90c. Not Prepaid, peck 75c; bushel \$2.75.

Yellow Bottom Sets

Small, even size, sound stock. Postpaid quart, 15c; gallon 50c; peck 90c. Not Prepaid, peck, 75c; bushel, \$2.75.

White Bottom Sets

Extra nice quality. Postpaid, quart 20c; gallon 65c; peck \$1.20. Not prepaid, peck 95c; bushel \$3.50.

White Multipliers

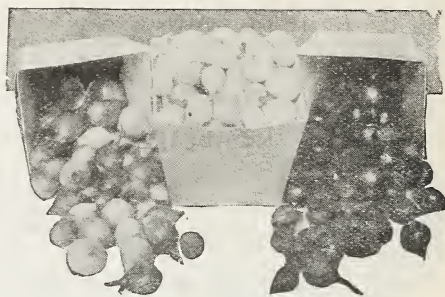
Pure, silvery white, enormously productive, frequently 20 bulbs in a cluster from a single bulb. Of excellent quality and size for bunching green, or can be ripened for pickling Onions. Remarkably good keeper; very early. Postpaid, lb. 30c; 2 lbs. 55c; 5 lbs. \$1.10.

Winter Onion Sets

For August and September Delivery.

Egyptian Tree

This is the Genuine Winter Onion. The sets are produced in bunches on the tops of the stalks. In planting, the bunches are pulled apart and each set planted singly. The Winter Onion produces the first green onions in the spring. They can be planted either in the fall or spring. Postpaid, lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00. Not prepaid, peck 75c; bushel \$2.50.



Yellow Potato Multiplier

Make large reddish-brown onions of mild flavor and excellent cooking qualities. Never makes seed, but divides from the root; the smallest sets produce one to two large onions; medium-sized sets produce as many as twelve medium to small sets, the larger sets make as many as twenty sets in a hill. This is a very popular onion in some sections. The sets are very scarce this season. Postpaid, lb. 30c; 2 lbs. 55c; 5 lbs. \$1.25.

Garlic

Extra nice stock for planting. Postpaid, lb. 35c; 3 lbs. \$1.00.

FINE PEPPERS

Pepper Seed germinates very slowly. The soil should be kept very warm for best results. They should be started in a hotbed or cold frame and transplanted about the end of May, in rows about 2 feet apart, with the plants about the same distance between them in the rows. They can also be sown in open ground in a prepared seed bed when all danger from frost has passed and the weather has become settled and the soil warm. The peppers intended for mangoes should not be grown near the hot varieties, as if so, they will partake of their fiery nature.

Ruby Giant

Ruby Giant Pepper is one of the largest and finest mild Red Peppers in cultivation. The plants are vigorous, not over 2 feet in height. They are well branched; thickly set with enormous fruits, some 4 to 6 inches long by 3 to 4 inches thick. When ripe, they are a beautiful bright, glossy ruby red color, and are always remarkably mild and very pleasant to the taste, if not grown too close to the hot varieties. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.15; 1 lb. \$4.00.

Chinese Giant

Without doubt one of the very best and largest Mango Peppers that was ever produced. Its mammoth size, splendid shape, beautiful rich, glossy flesh and mild flavor all lead us to speak of it in words of commendation. Very popular with all. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.25; 1 lb. \$4.50.

Ruby King

A variety, very large and attractive. The plants are about two and one-half feet high, vigorous, compact and productive. The fruits are often four to four and one-half inches long and of deep green color when young, bright red when ripe. The flesh is thick and mild flavored. One of the best varieties for mangoes or stuffed peppers. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50.

Large Bell, or Bull Nose

An early variety and of mild flavor; the skin is quite thick and fleshy; of medium size; is very popular. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50.

Tabasco

The hottest of all small peppers. Pungent and strong; very prolific. It is easily gathered as the fruit does not adhere to the stem and grows almost erect on the branches. This variety is used in manufacturing the well-known Tabasco Sauce. It is tall growing, producing small, slender and very hot fruits, splendid for family use, sauce and pickling. Postpaid, pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50.

Long Red Cayenne

A strong hot pepper, having long, slender bright red pods about 4 inches long. Both the green and ripe peppers are used for pickling. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.10; 1 lb. \$3.50.

Anaheim Chili

A variety introduced in California and is largely used both dried and for canning. It is about 7 inches long and has very thick flesh. While this variety belongs to the Chili class, it is not as pungent as some of the smaller sorts. Postpaid, pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.50.

Perfection Pimento

This pepper is especially desirable for home and market garden purposes; both as a green or ripe fruit. It is so smooth and uniform in shape that the skins can be easily slipped off after burning over a hot fire a few seconds or by boiling a few minutes in hot water. The hull or meat is from two to three times as thick as that of the Bell types, hence yields about twice as much. The quality is very sweet and delicious and entirely free from pungency, yields very heavily up to time to frost. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50.



RUBY GIANT



MOSS CURLED

PARSLEY

Parsley is used for seasoning soups and stews, for salads, and is also very universally used for garnishing, also for ornamental borders in the flower garden; succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks sometimes elapse before it makes its appearance. It should be sown early in the Spring. One ounce of seed will sow about 150 feet of drill.

Champion Moss Curled

A handsome variety of quick, robust growth, forming compact, ornamental plants densely furnished with strong stemmed, graceful leaves finely cut, most beautifully curled and of that brilliant emerald green color so highly attractive when used for garnishing. The flavor of the leaves is unusually rich and aromatic. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.00.

Double Curled

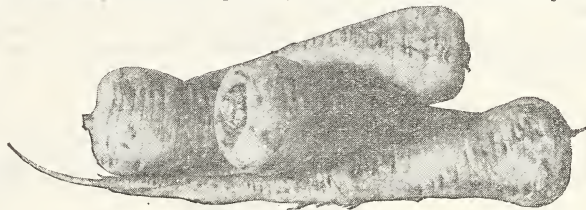
An exceedingly fine variety that is well known. Dwarf habit, with beautifully curled fine leaves. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

PARSNIPS

Parsnips are usually grown on deep, rich, sandy soil, but will make good roots on any soil which is deep, mellow and moderately rich. As the seed is sometimes slow and uneven in growth, it should be sown as early as possible in drills 2½ feet apart; cover half inch deep and press the soil firmly over the seed. Give frequent cultivation and thin the plants to 6 inches apart in the row.

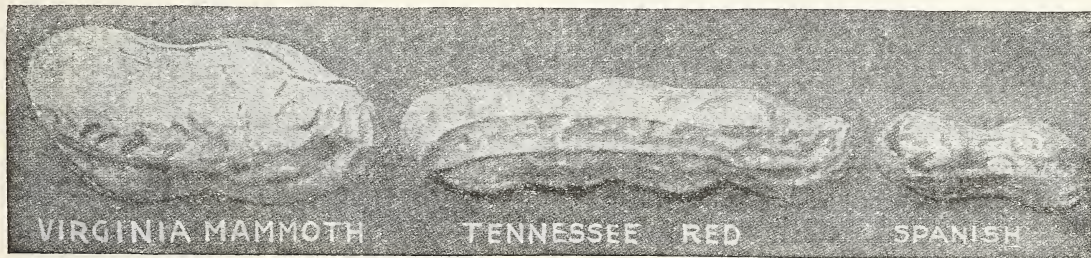
Large Sugar, or Hollow Crown

(Improved Guernsey)—An excellent variety for the table. Roots long, with smooth white skin, uniform in shape, tender and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top or crown of the roots. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.



HOLLOW CROWN

SEED PEANUTS



Any soil that will grow corn or cotton will grow peanuts; on light sandy or loamy soils there are few crops more profitable. In addition to the yield of nuts, the hay is superior to alfalfa in fat and almost equal in protein. After the oil is extracted the meal ranks with cottonseed meal and linseed meal in feeding value. Compared with corn, an acre of peanuts will make nearly three times as much meat.

CULTURE. Plant the shelled nut in May or early in June, dropping the nuts 8 to 10 inches apart in 2½ to 3 foot rows and cover 1 to 2 inches deep. Cultivate thoroughly until the nuts begin to form. When harvesting loosen the roots with a plow, pull the vines with the nuts attached, allow them to dry, and stack around a stake, turning the nuts inward. Cross stakes or brush should be set at the foot of the stake to hold the vines off the ground.

Tennessee Red

The finest variety grown especially adapted to black, waxy land as well as sandy soil. The nuts contain from 2 to 4 large kernels each and are enormously productive. Vines grow upright in bush form and are very desirable for hay. Postpaid, pkt. 10c; 1 lb. 30c; 2 lbs. 55c; 5 lbs. \$1.25; 10 lbs. \$2.25; Not Prepaid. 25 lbs. \$4.50; 50 lbs. \$8.50; 100 lbs. \$16.00.

Jumbo or Virginia Mammoth

This variety grows to an astonishing size and does extremely well in our state. The plants grow in a vining form with heavy leaves. The giant nuts have thick, heavily ribbed shells. Postpaid, pkt. 10c; lb. 30c; 2 lbs. 55c; 5 lbs. \$1.25; 10 lbs. \$2.25; Not Prepaid, 25 lbs. \$4.50; 50 lbs. \$8.50; 100 lbs. \$16.00.

Spanish

The Spanish Peanuts are early to mature and very productive. In harvesting the nuts hang to the vine and tops and nuts are fed together to hogs, cows and horses as a whole grain ration. While the nuts are smaller they are very much sweeter than the larger sorts. Postpaid, pkt. 10c; 1 lb. 30c 2 lbs. 55c; 5 lbs. \$1.00; 10 lbs. \$1.85. Not Prepaid, 25 lbs. \$3.85; 50 lbs. \$7.25; 100 lbs. \$13.50.

INOCULATE SEED PEANUTS WITH NITRAGIN. THIS WILL INSURE YOUR SUCCESS.

GARDEN PEAS

Peas thrive best in a light, rich, loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled peas are not as hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored. For a succession, plant every two weeks. When grown for market, peas are rarely staked; in small gardens grow in double rows, 6 to 8 inches apart, and stake with brush. They should be kept clean and the earth worked toward them two or three times during growth. One pound will plant 100 feet of drill; 1½ bushels for an acre. All peas marked (*) are wrinkled.

Tuckers' Wonderful

Largest Podded of the Extra Earlies.—In this new variety of Extra Early Peas, we have the largest podded and greatest yielder of any variety known. The vines grow about two feet high and produce an abundance of large pods which are filled with the finest peas imaginable. The pods contain eight to ten large peas, which are of delicious flavor. Tuckers' Wonderful is a sure cropper. Can be planted early. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.75; 50 lbs. \$11.50.

Extra Early Alaska

Extra Early, and a great favorite with market gardeners. The vines are of strong, vigorous habit and bear from four to seven long pods that are always filled with medium size peas of the most delicious flavor. Height 2 to 2½ feet. Postpaid, pkt. 10c; ½ lb. 15c; 1 lb. 30c; 2 lbs. 55c; 5 lbs. \$1.25; 10 lbs. \$2.25. Not Prepaid, 15 lbs. \$3.00; 50 lbs. \$8.50.

First and Best

Matures in from forty to forty-five days after germination. The peas are of medium size, round, smooth, and of splendid flavor. The vines are very hardy and seed may be sown as soon as the soil becomes mellow. Height 2 feet. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.25; 10 lbs. \$2.25. Not Prepaid, 15 lbs. \$3.00; 50 lbs. \$8.50.

American Wonder

*The earliest of the dwarf, wrinkled varieties. The vines are about nine to twelve inches high and produce a good crop of well filled pods of medium size, containing 5 to 8 large peas which are exceedingly sweet, tender and well flavored. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.50; 50 lbs. \$10.00.

Premium Gem

*A deservedly popular dwarf growing sort, growing about fourteen inches high. It is hardier and can be planted earlier than most wrinkled peas; very prolific. The pods are large and contain 6 to 8 peas each. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.50; 50 lbs. \$10.00.

Nott's Excelsior

*Very early dwarf pea. The vines average about 12 inches high. The pods are medium sized. The peas, in sweetness and quality, are unsurpassed. Seed medium sized, wrinkled, green and somewhat flattened. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.50; 50 lbs. \$11.00.

Blue Bantam

The Best First-Early Dwarf Wrinkled Pea. 55 Days
Blue Bantam is unequalled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf, vigorous vines average 15 inches in height and carry really enormous crops of large, deep bluish green pods in 55 days. The pods measure 4 to 4½ inches long and are tightly packed with 8 to 10 large, deep bluish green peas. Postpaid Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.75; 50 lbs. \$11.00.

Dwarf Gray Sugar

The old standard variety of the edible-podded sort, and is used in no other way. Grows about 2 feet high and is remarkable for its earliness. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.40; 10 lbs. \$2.60. Not Prepaid, 15 lbs. \$4.00; 50 lbs. \$12.50.

Melting Sugar

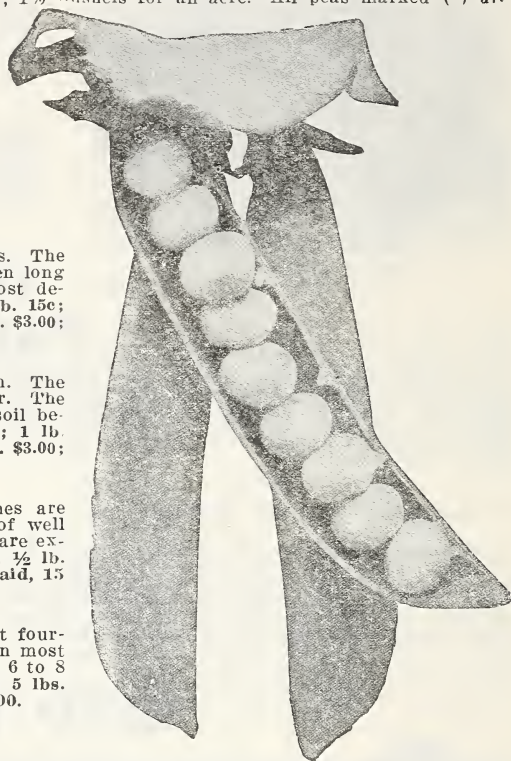
(Edible pods). The pods of Melting Sugar are very large, 4 to 4½ inches long; broad, often curved or twisted, and when young, stringless, very tender and finely flavored. Postpaid, pkt. 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$4.00; 50 lbs. \$11.00.

Everbearing

*Matures second early and continues a long time in bearing. As the pods are gathered, others mature in succession. The peas are of good size, tender and of fine flavor. Pods 3 inches long, broad, of good size and well filled. Height 2 feet. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.50; 50 lbs. \$10.00.

Tuckers' Potlatch

Early and Productive, Finest Quality. The vines are vigorous growing 20 to 24 inches high, with unusually dark green foliage, which can be distinguished from that of other peas. The long pods are a rich dark green in color, often measuring 6 inches or more, with 9 to 11 enormous peas in a pod. The growth of vines is sturdy and pods are borne in pairs; it is a wonder in productiveness, and the way the peas shell out is astonishing. No variety known will produce more pods, shell better,



TUCKERS' POTLATCH PEAS

or contain more tender and delicious peas. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.50; 10 lbs. \$2.75. Not Prepaid, 15 lbs. \$3.75; 50 lbs. \$11.00.

McLeans Advancer

*The Leading Pea for second-early. Excellent flavor, very productive. This Pea is used very extensively by market gardeners and canners on account of its great productiveness and its exceedingly fine flavor. It is a wrinkled variety, grows about two feet in height. Has long pods, and well filled to the end. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.40; 10 lbs. \$2.50. Not Prepaid, 15 lbs. \$3.25; 50 lbs. \$9.50.

Thomas Laxton

*This is a very early wrinkled variety of great merit. The vines are vigorous, of medium height, about three feet, hardy and very productive. The pods are large, often 4 inches long, with square ends. The green peas are very large, of fine, deep color and unsurpassed in quality. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.40; 10 lbs. \$2.60. Not Prepaid, 15 lbs. \$3.25; 50 lbs. \$9.50.

Champion of England

The vines are tall, about 4 or 5 feet high. The pods are large, about 3 inches long. The seed is light green and wrinkled. We consider this variety one of the best of its season, either for the home garden or for market gardening use. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.40; 10 lbs. \$2.60. Not Prepaid, 15 lbs. \$3.25; 50 lbs. \$9.50.

Telephone

The vines are tall and vigorous, growing about 4 feet high, with large, coarse, light colored leaves and producing an abundance of pointed pods of largest size, often 4½ to 5 inches long, attractive bright green, filled with very large peas which are tender, sweet and of excellent flavor. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.40; 10 lbs. \$2.65. Not Prepaid, 15 lbs. \$3.50; 50 lbs. \$10.50.

Large White Marrowfat

The vines of this tall variety are about 5 feet high and of strong growth. The pods are large, about 3 inches long, cylindrical, surface somewhat roughened, light colored and well filled. Seed large, smooth, round and light creamy yellow. Postpaid, pkt. 10c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c; 5 lbs. \$1.25; 10 lbs. \$2.25. Not Prepaid, 15 lbs. \$3.00; 50 lbs. \$9.00.

FINE PUMPKINS

Pumpkins do not require as rich soil as squashes, cucumbers and melons, but on good land the pumpkins will be much larger. Plant in May in hills 8 to 10 feet apart, mixing well-rotted manure in each hill. Put 8 to 10 seeds in each hill, and cultivate till the vines get strong, when they should be thinned out, leaving two or three of the strongest in the hill.

Small Sweet or Sugar

This is the small, sweet Pumpkin that has made the New England States famous for their pumpkin pies. It is very fine grained, most delicious sweet-flavored sort, splendid keeper. They average about 10 inches in diameter. Deep orange-yellow color. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 85c.

Striped Cushaw

A great favorite. Beautiful in appearance; a distinct mottled green white striped. Fruit solid, average 15 to 25 pounds. Flesh yellow, fine grained, sweet and excellent for pies. Sells well on the market. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.10.

Large Sweet Cheese

Superior to the field varieties, as it is excellent for table use as well as for stock feeding. Is fine for pies. Shape flat, skin mottled light green and yellow. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 85c.

Mixed Pumpkins

All Shapes, Colors and Sizes. This mixture is especially offered to those who wish to grow a collection of the different kinds of pumpkins here listed for exhibition at County Fairs, or for home use. All are good keepers. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 65c; 2 lbs. \$1.20.



SWEET CHEESE

Kentucky Field

Large, round, flattened hardy and productive. One to 2 feet in diameter. It has thick flesh of extra fine quality and is a splendid sort for family and market use, also grown largely for stock feeding. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 65c; 2 lbs. \$1.15.

Genuine Mammoth or True Potiron

(King of the Mammoths, Jumbo Pumpkin). Of true Mammoth size, specimens weighing sometimes from 100 to 125 pounds. The skin of salmon-orange color, the flesh thick, bright yellow, fine grained and of good quality. Give plenty of space. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

SQUASH

After danger of frost is past, plant in a warm, well pulverized, rich soil, mixing well-rotted manure in each hill. Plant 8 or 10 seeds to the hill. When well grown, thin out, leaving three of the strongest plants in each hill. Do not bruise or break the stems of the winter squashes when gathering. Plant summer sorts, one ounce to 25 hills; 3 to 4 pounds to an acre; winter sorts, 1 ounce to 10 hills; 3 to 4 pounds to an acre.

Early White Bush Scallop

The White "Pattypan" or "Cymling," as it is called in the South. A very early and continuous bearer. Ships well. Color light cream. A first class variety for home and market growers. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 90c.

Early Summer Crookneck

Of a dwarf, bushy habit and very productive; bears early and all Summer; true Crookneck type; rich golden yellow color; thickly warted. Its cooking qualities are unexcelled. One of the best varieties for the market or table use. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 35c; 1 lb. \$1.00.

Warted Hubbard

One of the best of the winter squashes. Vines vigorous and very productive. Fruit large, heavy, moderately warted, with very hard shell, skin uniformly dark, bronze green. Flesh bright orange yellow, fine grained, thick, dry and richly flavored. Can be kept in good condition until spring. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.25.

Banana

The squash grows from 1 to 2 feet in length. The skin varies from a bright yellow to a dark olive green. Flesh firm and solid of beautiful orange yellow and excellent quality. It is the sweetest of all the squashes. It keeps from one season until another. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.35.

Delicious

This squash is particularly excellent in quality. Delicious, is a fall and winter variety of medium size. The fruits are moderately hard, usually dark green, but sometimes lighter in color and mottled, and are without any hard shell. The flesh is thick, very fine grained and bright yellow in color. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25.

Mammoth Whale

This is the "Jumbo" of the Squash family and creates great attention wherever grown or placed on exhibition. The squashes grow from 2½ to 3 feet in length, with a slight neck at the stem end. The large seed end is swelled to a width of 12 to 18 inches and slightly flattened. Flesh firm and solid, of beautiful orange-yellow and excellent quality. Fine for winter use. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.50.

The Dollar Squash

A squash of the Early White Bush Type. Pick the fruits when they are about the size of a silver dollar. Cook and serve exactly as you would asparagus. Fruits are ready in about fifty days after planting and the vines bear until frost. No equal space in your garden will return for food as much and they are really splendid. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50.



TUCKERS' QUALITY RADISH SEED

To be tender and crisp, radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the spring, sow at intervals of ten days, in a light, rich, deeply-worked soil. May also be sown as a catch-crop between rows of beets, lettuce, onions, etc. One ounce of seed will plant 100 feet of row. Eight to ten pounds are required for one acre.

Saxa

Bright Scarlet, Small Top and Root. This variety is of a beautiful scarlet color, round as a marble and having a very small top and tap root. It comes so quick that it has been placed on the dining table in three weeks from the time of sowing seed. The flesh of the Saxa is very crisp, brittle and juicy, and remains in fit condition for the table for a long time. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.

Crimson Giant

A variety extraordinary in that, while growing to an unusually large size, it is also tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time. Root, turnip-shaped, color, a beautiful crimson-carmine, flesh firm, crisp and tender. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. 90c.

Early Scarlet Turnip

Of very quick growth. The skin is a rich scarlet color; the flesh snowy white and always mild, crisp and sweet. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.



WHITE TIPPED SCARLET RADISH

Scarlet Turnip White Tip

Of fine round shape; flesh pure white, and as a result of its quick growth, very crisp, mild and tender. A splendid variety of the Scarlet Turnip White Tipped type. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

French Breakfast

This pretty Radish in color is bright red, tipped with white. It is oblong in shape and in quality is crisp and tender. A quick grower, and an exceedingly popular variety. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 75c.

Tucker's White Icicle

The finest of the Early Long, White Radishes. Our selected strain of this popular white Radish will insure you the finest flavored radish you have ever eaten. Excellent and profitable. Has few leaves. The Icicle radish is perfectly white in color, and long, slender and tapering in shape. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. Ready for use in about 20 to 25 days. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. 75c.

Lady Finger

An early maturing and attractive, long, white summer radish of most excellent quality. The roots are clear white, slender, smooth and average when mature, 6 to 7 inches long. The flesh is very crisp and tender. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

White Strasburg

Even when comparatively small this variety is in good condition for use and continues crisp until matured when the roots are 4 to 6 inches long. The roots are rather thick at the shoulder and are usually somewhat tapering. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 90c.

Long Brightest Scarlet, White Tipped

Bright Red, Crisp and Tender. One of the brightest and handsomest scarlet radishes. The roots are fit for use in about 25 days. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

Mixed Radishes

All kinds, colors and shapes. Just what is wanted for the home garden where the space is limited. One sowing is all that is required for a continuous supply, as they become ready for table use early, medium and late. An excellent and desirable mixture. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 65c.

Winter Varieties

Seed for winter radishes should be sown about the first of August, in rich, warm, sandy loam, in rows about 20 inches apart covering half inch deep. When well up thin to 3 inches apart in the row and give frequent cultivation. For winter use, the roots should be pulled and packed in damp sand and stored in a cool cellar.

California Mammoth

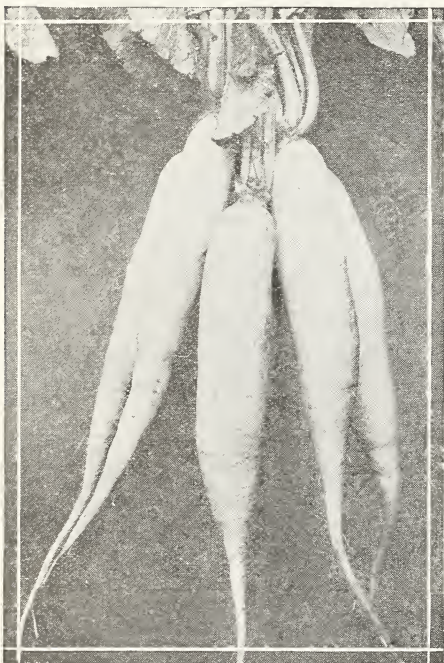
The roots of this very large white winter sort grow 9 to 12 inches long, by 3 to 4 inches or more in diameter just below the shoulder tapering regularly to the tip. The flesh is very crisp and solid. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

Long Black Spanish

Grows 5 to 8 inches long, 1 to 1½ inches through at top; skin black, flesh white and firm. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00.

China Rose

A very handsome variety; color bright rose; crisp and tender; very smooth; very desirable sort; keeps splendidly. Postpaid, pkt. 10c; oz. 15c; ¼ lb. 30c; 1 lb. 90c.



TUCKERS' WHITE ICICLE



QUALITY TOMATOES

Sow the seed in February or March in a hotbed, greenhouse or in shallow boxes in the house in rows 4 to 6 inches apart and half an inch deep. When the plants are about 2 inches high transplant to 3-inch pots or into shallow boxes 4 inches apart each way. Transplant in the open ground after all danger of frost is past, 3 or 4 feet apart each way. Cultivate frequently. One ounce of seed will produce about 2,000 plants. Four ounces is enough for one acre.

June Pink

(Bright pink). Ripens early. Is an enormous bearer, clusters of 4 to 10 fruits, being borne frequently. The fruit is medium size, uniform, smooth and attractively shaped. In color it is a bright pleasing pink. Postpaid, pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 35c; 1 lb. \$2.75.

Globe

(Purplish Pink). The finest Early Purple Tomato. The Globe Tomato is an extra good all-round sort of a distinct globe shape. Fruit is produced in clusters of 3 to 5. The plants are close jointed, each bearing a large number of fruits of a beautiful glossy purple, invariably "as smooth as an apple," firm, solid, thick flesh with large meaty center. Quality is the best. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50.

Spark's Earliana

(Scarlet Red). Coming into the market early it commands top prices. It produces an abundance of remarkably solid fruit, of uniform shape and rich, bright red color. The Tomatoes are borne in clusters. They are of good flavor and contain few seeds. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. 75c; 1 lb. \$2.50.

Dwarf Ponderosa

Purplish Pink. A new dwarf sort of good size and various other unique characteristics. It is very prolific, producing fruits in clusters around the base of the plant. The fruits of Dwarf Ponderosa, like one of its parents, are rather rough and irregular, but are solid, meaty, and good quality. Of the same color as Ponderosa. Postpaid. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.35; 1 lb. \$4.50.

Livingston's Beauty

(Bright Scarlet). Special Extra High-Grade Quality Seed. Of a very glowing crimson in color with a tinge of purple. In shape it is perfectly spherical. It has thick skin and hence is not as liable as some varieties to crack just after a rain. It has more solid flesh and fewer seeds than the average kinds and is less inclined to rot. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. 75c; 1 lb. \$2.75.

Ponderosa

(Purplish Pink). This is the largest and one of the most popular of all tomatoes and is of fine quality for slicing. The vines are of strong growth; fruits oblong in form and generally ridged or ribbed; deep purple in color. They are solidly fleshy with small seed cells; of fine flavor. Planted in good soil fruits frequently attain a weight of one pound or more. Postpaid, pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.40; 1 lb. \$5.00.

Genuine Stone

(Bright Scarlet). The Greatest Canning Tomato in the World. The largest bright red perfectly smooth, highest yielding, best keeping, finest flavored main crop variety in existence. More Stone Tomatoes are grown every year than any other half dozen varieties taken together. Postpaid, pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 50c; 1 lb. \$1.50.

Early Detroit

(Purplish Pink). A splendid variety and one of the largest and best of the purplish pink sorts. The vine is vigorous and very productive. The handsome fruit is smooth, uniform in size, nearly globe shape, firm and of excellent quality. It is free from cracking and tendency to blight. Postpaid, pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.75.

Greater Baltimore

A midseason red variety, very heavy, due to its extreme firmness and very thick meat. Fruit ripens evenly; free from ridges and cracks. A good canning sort. Packet 10c; ½ oz. 20c; oz. 30c; ¼ lb. 75c; 1 lb. \$2.50.

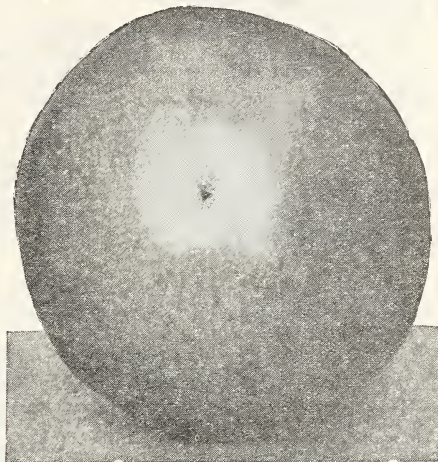
Oxheart

A Grand New Tomato

Fruit large size, very thick meat, few seeds. Foliage heavy, bright green. A heavy yielder of high quality fruit. We especially recommend the Oxheart as being one of the best of the newer varieties. Please give this tomato a trial. You will be delighted with its fine quality and great yield. Postpaid, pkt. 10c; ½ oz. 25c; ¼ lb. \$1.60; 1 lb. \$6.00.

Marglobe Wilt Proof

This new main-crop or midseason tomato is a wilt-resistant variety bred for use in disease infected districts. In addition to being wilt-resistant, it is a handsome, deep red globe shaped tomato of great merit. The plants are vigorous and productive and the fruits are quite large. The flavor seems to be a happy medium between the acid and non-acid sorts. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.75.



Earliana

John Baer

(Bright Red). Large, Round, Smooth, Magnificent. Red Fruit. An early variety producing beautiful, large, bright red, solid tomatoes early in the season. The color is a glistening bright red, and it has a mild, deliciously sweet flavor. It is solid and meaty and has just enough foliage. Postpaid, pkt. 10c; ½ oz. 15c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.75.

Beef Steak

(Bright Red.) A variety of very decided merit, producing beautiful fruits of the finest quality, handsome appearance and large size. Vines are strong and vigorous, with abundant foliage; fruits smooth, unusually meaty and ripens evenly throughout. Makes uniformly large-size tomatoes of handsome color and great solidity. Postpaid, pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.40; 1 lb. \$5.00.

New Yellow Ponderosa

(Golden Yellow). Equals Ponderosa in size; produces Golden Yellow tomatoes in great profusion. This grand large tomato equals its famous parent, the Crim-son Ponderosa, in every respect, but color. The fruits are very uniform in shape and size, contain but little core and few seeds. It is sweet and luscious, with very heavy meat. Postpaid, pkt. 10c; ½ oz. 25c; oz. 45c; ¼ lb. \$1.50; 1 lb. \$5.50.

Golden Queen

"Queen of all the Yellows." Of superior flavor it is solid, always smooth, entirely free from ridges, large in size, ripens early. Fine for slicing. Postpaid, pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.75.

Small Fruited Tomatoes

Pear-Shaped Red. Used for preserves and to make "Tomato-figs." Fruit bright red, distinctly pear-shaped, and with a peculiar flavor.

Pear-shaped Yellow. Similar to Pear-Shaped Red, except in color.

Yellow Plum. Fruit plum-shaped, deep yellow color; flesh yellow and good; esteemed for preserves.

Red Plum. Similar to the Plum-shaped yellow except in color.

All of the above varieties of small fruited Tomatoes. Postpaid, pkt. 10c; ½ oz. 25c; oz. 40c.

SPINACH

For summer use, sow early in spring. Thin to 3 or 4 inches. One ounce of seed for 100 feet of drill; 10 to 12 lbs. for an acre.

Bloomsdale

Highly popular with market gardeners. A crop of this variety weighs much heavier than any other variety. It grows very quickly. Fine for fall sowing. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. \$2.00.

Long Standing

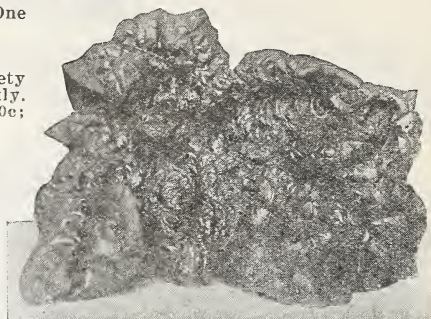
Of flat spreading, but compact growth, this sort is especially noticeable for its short stemmed, dark green leaves which are heavily crumpled and savoyed. For marketing during the warm summer months, it is unsurpassed. Stands longer before going to seed than any other sorts of our list. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. \$2.00.

Victoria

An excellent variety, forming very large, exceedingly thick, very dark green leaves, slightly crumpled in the center. The plant is large, compact and procumbent. The season is intermediate. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. \$2.00.

New Zealand

Thrives during the hottest summer weather in any soil, rich or poor, a single plant covering a space about 4 feet square. The tender tips may be cut every few days; after cutting the plant puts out new growth and continues till frost. Soak for 24 hours and plant 4 seeds in hills 2 feet apart each way. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.



BLOOMSDALE SPINACH

SALSIFY OR OYSTER PLANT

When properly cooked Salsify is a good substitute for oysters in taste and flavor, and is very nutritious. Salsify will keep finely through the winter in the ground, where sown, in exactly the same manner as Parsnips. The roots are perfectly hardy; in fact they are best after the frost has touched them. Sow early in drills 18 inches apart and cover firmly one inch deep; thin to three inches apart in the drills. Two ounces of seed will sow 100 feet of drill; eight pounds is sufficient to plant an acre.

Mammoth Sandwich Island

The most popular Salsify in cultivation. A strong grower, large, long, white tapering roots, without tendency to branch. We have taken great care in the selection of our seed stock so as to produce not only good size, but the smoothest roots possible, qualities that will be appreciated both by market and private growers. Pkt. 10c; oz. 20c; ¼ lb. 75c; 1 lb. \$2.50.

TURNIPS AND RUTABAGA

Spring sowing should be made as early as possible, so that the turnips may make their size before hot weather. For the regular crop, sow July and August. Rutabaga should be sown in July and earthed up as they grow. One ounce sows 100 feet of drill; ½ lb. sows one acre in drills; 1 lb. one acre broadcast.

Early White Egg

This is certainly one of the very choicest and finest varieties; comparatively new and producing beautiful egg shaped turnips. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

Early White Flat Dutch

Excellent Early garden variety and very much used. The roots are of medium size, very flat and the color white. Very early, sweet and tender. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 65c.

Extra Early Purple Top Milan

One of the earliest sorts in cultivation. Bulb very flat, medium size, quite smooth with a bright purple top; leaves few, short and light color, grows compact and makes exceedingly small strap leaved top. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. \$1.00.

Red Top White Globe

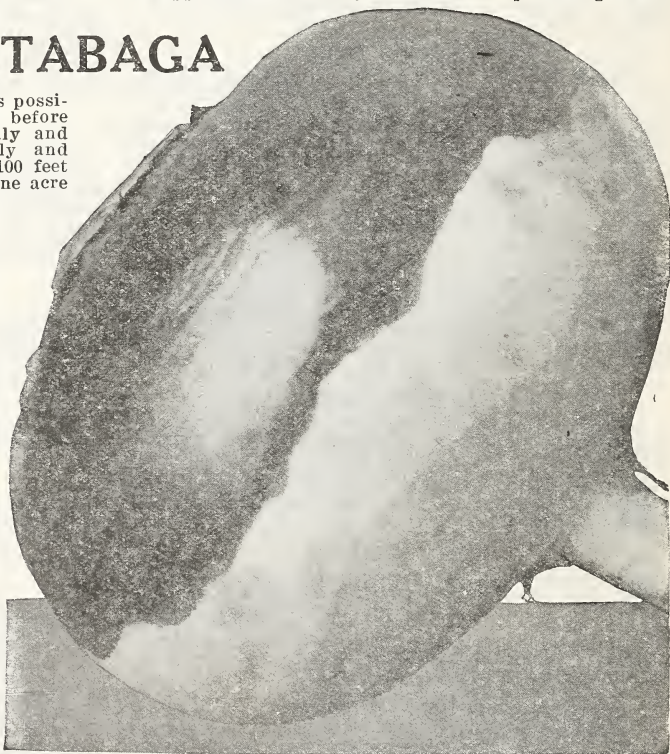
One of the handsomest and most profitable turnips unsurpassed for either home or market use. It is a large rapid growing sort with globe shaped roots, purple at the top and white underneath. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 60c; 2 lbs. \$1.00.

Purple Top Strap Leaf

A well known, popular variety, either for family or market use; large size; white-purple above ground, flesh fine grained, grows quickly and is as good for winter use or late planting as it is early. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 60c; 2 lbs. \$1.00.

Amber Globe

One of the best yellow fleshed varieties. The roots are of large size and of globular shape. The skin is clear yellow except the top which is tinged with green. The flesh is light yellow, fine grained and sweet. The variety keeps well and is a good cropper. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 65c.



RED TOP WHITE GLOBE

White Globe

Immense white globe shaped roots in rich ground frequently attain the weight of 12 lbs. Considering this size it matures early. A very good autumn variety for both table and stock. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 65c; 2 lbs. \$1.10.

Rutabaga—American Yellow Purple Top

The most satisfactory variety for either family use or stock feeding. It is hardy, productive, sweet, solid and of fine quality. It keeps perfectly all winter and into the following summer. Postpaid, pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c.

GARDEN and LAWN FERTILIZERS



Beautify Your Home - - Use VIGORO



You can beautify your home by having a velvety green lawn, crisp, succulent vegetables, colorful flowers, luxuriant shrubbery, and stately trees if you will keep in mind the fact that plants, like human beings, must be fed—and fed the right kind of plantfood.

VIGORO provides an economical, practical, and effective way to secure finest results. Economical because the cost is only 10c to 20c for every 100 square feet. Practical because it is clean, odorless, easy to apply—can be sown by hand like grass seed or applied with an ordinary kitchen colander. Effective because it contains all of the elements of plantfood required to produce early, vigorous growth and bring fruit, flowers and foliage, to full development. Complete directions in every bag.

Economical
Practical
Effective

VIGORO

Specially prepared plant food

A Swift & Company Product

100 lb. bag.....	\$5.00
50 lb. bag.....	3.00
25 lb. bag.....	1.75
5 lb. pkg.....	.50

SPECIAL TRUCK GROWER

Our Truck Grower is made up especially for use with vegetable crops. It is extra strong in all the Fertilizer elements necessary for quick results and increased yields. It is fully twenty times stronger than stable manure. For potato and tomato crops, use at the rate of 200 pounds per acre, either broadcast or with wheat drill after the ground has been plowed. For small vegetables use one pound to each 50 feet of row. Mix thoroughly with the soil. Not Prepaid, 5 lb. bag, 40c; 10 lb. bag, 75c; 25 lb. bag, \$1.00; 125 lb. bag, \$3.50.

Muriate of Potash

Especially valuable for all root crops. Apply at the rate of 200 pounds per acre. Postpaid, 1b. 20c; 5 lbs. 60c; 10 lbs. \$1.00. Not Prepaid, 25 lbs. \$1.15; 100 lbs. \$3.90.

Nitrate of Soda

Nitrate of Soda carries nothing but Ammonia. It is highly stimulating and produces rank growth and dark green foliage. On grass or other vegetation it is visible in a few days after application. It is claimed that crops like Cabbage, Lettuce and Onions mature fully two weeks earlier than usual when Nitrate of Soda has been used on same.

For vegetables use 100 lbs. to the acre. For lawns and potted plants use in liquid form, 1 lb. to 25 gallons of water. Postpaid, 1 lb. 20c; 5 lbs. 60c; 10 lbs. \$1.00. Not Prepaid, 25 lbs. \$1.15; 100 lbs. \$4.25.

Sulphate of Ammonia

A dependable and lasting form of ammonia, highly concentrated, containing 25¼ per cent of ammonia (20¼ actual pounds of nitrogen in every 100 lbs.), quickly available and lasting in its effects as it is not easily leached from the soil. In fine condition and ready to apply. No pounding and screening necessary. Postpaid, 1b. 20c; 5 lbs. 60c; 10 lbs. \$1.00. Not Prepaid, 25 lbs. \$1.10; 100 lbs. \$4.00.

High Grade Sheep Manure

In the garden, the hot-bed, the cold frame, for fruit trees, in flower beds and pots and on the lawn, Sheep Manure will give most excellent results. Postpaid, 5 lbs. 50c; 10 lbs. 85c. Not Prepaid, 50 lbs. \$1.35; 100 lbs. \$2.75.

V-C PLANT FOOD

For Flowers

Best Plant Food for Flowers, Plants, Etc.

This special Plant Food is highly concentrated, odorless and contains the three essential Plant Foods: Nitragin, Phosphoric Acid and Potash, in a thoroughly soluble and assimilable form. It contains also a liberal percentage of Humus, which loosens the soil, enables it to retain moisture, and yield prolifically. Being highly concentrated, it only requires a small amount to produce highly satisfactory results. Postpaid, 1 lb. can, 30c; 2 lb. can, 55c.

TUCKERS' QUALITY SEED POTATOES

First Class, Northern Grown Stock. True to variety and certain to give you Results.

Our guarantee on our Seed Potatoes—You to be satisfied or your money back. We will cheerfully refund your money, if on receipt of the stock you are not pleased with the quality.

Regarding Prices (Please Read)

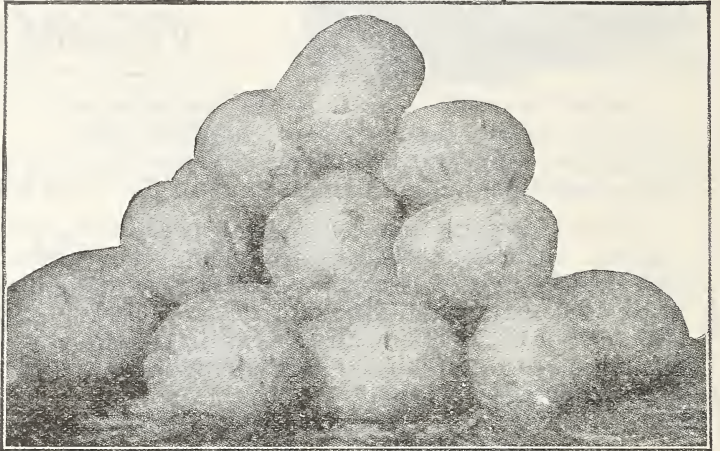
REFER TO GENERAL PRICE LIST IN BACK OF CATALOG FOR PRICES IN LARGER QUANTITIES.

Because of the uncertainty regarding future values on Seed Potatoes we are making prices to the best of our ability. The prices as given are the present values for our First Class Seed Stocks. Send us your orders and we will guarantee to ship you full value for your money. If you want a large quantity, please write for special prices.

Treat all Seed Potatoes with Semesan Bell. Kills disease, and increases yield. See page 29.

Irish Cobbler

Genuine True Seed, Superior Both in Quality and Productiveness. Form oval and round; skin lightly netted, creamy white and having few eyes, which are quite shallow, some even with the surface. Flesh pure white and of the finest quality, not exceeded by any other variety. Keeps perfect until spring, when it starts large, strong and vigorous sprouts. Its strong growth, earliness, uniformity, large yield, fine quality and very handsome appearance have brought the Irish Cobbler right to the front as a profitable variety for market or home use. Postpaid, ½ peck, 60c; peck, \$1.00.



GENUINE IRISH COBBLER

Early Ohio

The popularity of this variety to plant for an early and profitable crop is increasing every year. The tubers average large in size, are oval, oblong and round at the seed end. It makes an excellent keeper and shipper, and is very productive. Postpaid, ½ peck, 60c; peck, \$1.00.

Extra Early Triumph

There is good reason why the Triumph should be popular. It is from 7 to 10 days earlier than the Ohio and that means a difference of many dollars in the crop. The potato is of good size, squared at ends. Skin is red, flesh is very white and firm. Very productive. The Extra Early Triumph has become the most popular Extra Early Potato. Postpaid, ½ peck, 65c; peck \$1.15.

Rural New Yorker

They have a great record as a drought resister. A fine keeper and from January until new potatoes come, it is of an excellent quality. It is one of the smoothest, shallow eyed and pretty shaped potatoes grown. They are great yielders and the main crop of the late varieties. Postpaid, ½ peck, 60c; peck, \$1.00.



BIG STEM JERSEY

Porto Rico

The Porto Rico has a light reddish colored skin and a deep yellow flesh. In quality it is one of the best, cooking mealy and dry. It is an excellent keeper. The vine growth is medium in length and the leaves are large. You will find it a certain cropper and large yielder. Postpaid, 1b. 15c; 2 lbs. 25c; 5 lbs. 50c. Not Prepaid, 25 lbs. \$1.50; 50 lbs. \$2.85; 100 lbs. \$5.25.

Improved Peach Blow

An old favorite for late planting. Color of skin, slightly tinged with pink. Of attractive appearance, and one of the best keepers. Our stock is superior to the old Peach Blow, being rounder in shape and of better quality. The Peach Blow is one of the most dependable late varieties, standing adverse conditions of drought and heat. Postpaid, ½ peck 70c; peck \$1.25.

Burbank

The Burbank has a light, cream-white color. Its shape is oblong and slightly flattened. The eyes are very shallow. The size is large and desirable, very few being under marketable size. Always smooth and regular in form; grows strong and vigorous from the very sprout. Is also a great drought resister. Burbank is main crop variety. Postpaid, ½ peck 60c; peck \$1.00.

Refer to Page 29 for Semesan Bell

SWEET POTATOES

Big Stem Jersey

The Quality Yellow Sweet Potato. The color outside is Old Gold and is very attractive. Inside very rich yellow. The table quality is unsurpassed. In appearance unexcelled, all seeming to shape up well. Their color is the richest yet; their table qualities second to none; their keeping qualities are among the best. Postpaid, 1b. 15c; 2 lbs. 25c; 5 lbs. 50c. Not Prepaid, 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$6.00.

Nancy Hall

Nancy Hall has a creamy pink skin, while the flesh is cream yellow, very sweet and firm. We recommend this variety in the fullest term. Postpaid, 1b. 15c; 2 lbs. 25c; 5 lbs. 50c. Not Prepaid 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$5.00.

Southern Queen

A large white potato of good flavor and a good yielder. Postpaid, 1b. 15c; 2 lbs. 25c; 5 lbs. 50c. Not Prepaid 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$6.25.

Red Bermuda

This is the old standby as an early, quick maturing variety. The outside color is pinkish red while the meat is creamy yellow. Postpaid, 1b. 15c; 2 lbs. 25c; 5 lbs. 50c. Not Prepaid 25 lbs. \$1.75; 50 lbs. \$3.25; 100 lbs. \$6.25.

VEGETABLE AND FLOWER PLANTS

PLEASE NOTE

We cannot accept orders for less than 50 of a variety of Cabbage, Tomato or Sweet Potato Plants. The expense of packing a small quantity is too great to allow us any margin of profit.

In their proper seasons, we shall have large quantities of all the plants listed below, well grown and stocky and all grown from the very best seeds. With the exception of our Frost Proof Cabbage Plants. Our Tomato, Cabbage, Cauliflower and Pepper Plants will all be Transplanted Stock, and should not be confused with field grown or Hot frame stock. Transplanted plants are much more stocky, hardier and satisfactory, and the results from planting them will be much better. Purchasers may rely upon having their orders filled promptly, weather permitting. They will be carefully packed and will carry long distances. Plants by mail at purchaser's risk. No charge for packing, etc. Should we be sold out of the variety of plant ordered, we will send a nearly similar kind instead, unless customer wishes otherwise. Special prices on 5,000 or more plants.

Cabbage Plants

Ready in March, April and May. Varieties: Tuckers' Early Wonder, Early Jersey Wakefield, Early Flat Dutch, Early Summer, Copenhagen Market, All Seasons. Postpaid, 50 for 45c; 100 for 80c; 500 for \$3.75; 1000 for \$6.50.

Cauliflower Plants

Ready in March and April—Early Snowball. Postpaid, dozen 25c; 50 for 60c; 100 for \$1.00; 500 for \$4.50.

Tomato Plants

Ready in April, May and June. Varieties, Ponderosa, Beauty, Stone, John Baer, Globe, Earliana, Beefsteak. Early Detroit, Golden Ponderosa and Dwarf Ponderosa. Postpaid, 50 for 45c; 100 for 80c; 500 for \$3.75; 1000 for \$6.50.

Sweet Potato Plants

Ready April and May. Varieties—Big Stem Jersey, Nancy Hall, Porto Rico, Southern Queen and Red Bermuda. Postpaid, 100 for 40c; 500 for \$1.75; 1000 for \$3.00. Larger quantities at \$2.75 per thousand.

Fungl-Bordi and Pyrox kills tomato blight. Start spraying when the plants are 6 to 8 inches high. The cost is little and the results are big. Kindly refer to page of insecticides in the back of our Annual for prices on these insecticides.

Pepper Plants

Ready April, May and June. Varieties—Pimento, Ruby King, Chinese Giant, and Long Red Cayenne. Postpaid, dozen 25c; 50 for 60c; 100 for \$1.00; 500 for \$4.75; 1000 for \$8.25.

Salvia Plants

Ready in April and May. Salvia Splendens. Our plants of this most popular flower are strong, healthy stock, sure to grow and bloom. Postpaid, dozen, 75c; 25 for \$1.35; 50 for \$2.50.

Aster Plants

Ready in April and May. Victoria Asters. Extra fine, thrifty plants. Mixed colors, red, white, pink, and blue. Postpaid, dozen, 60c; 25 for \$1.10; 100 for \$4.00.

Pansy Plants

Ready March, April and May. Giant Flowered. Finest Mixed Colors. Postpaid, dozen 75c; 25 for \$1.35; 100 for \$6.75.

Lily of the Valley

Large clumps containing 12 to 15 pips. Postpaid, large clumps 50c; 3 for \$1.25.

Sweet Violet

Deep Blue Single Flowers. Hardy. Fine for borders and bouquets. Postpaid, doz. 40c; 3 doz. \$1.00; 100 for \$2.25.

Frost-Proof Cabbage Plants

Will Mature Heads Two to Three Weeks Earlier than Your Home Grown Plants.

We will use every effort to supply first class fresh plants that will grow, but we cannot be responsible for bad weather conditions that damage the plants or for the crop. We give no guarantee on Frost Proof Plants.

The plants make a slow but steady growth, until at eight or ten weeks of age they are very tough and hardy, the buds are purple and outer leaves a reddish brown. When in this condition they can be shipped to territory farther north and be planted in the open ground a month to six weeks sooner than the home-grown hotbed or cold frame plants. These FROST-PROOF CABBAGE PLANTS will stand a temperature of 20 degrees above zero without injury, the land freezing, or the plants being covered with ice, sleet or snow after they are planted will not injure them.

The top of the plant does not grow until regular Spring weather opens up, but the roots grow from the time they are planted, and just as soon as Spring weather starts, the established root growth assimilates the fertilizer in the soil, the plants grow very fast, maturing headed cabbage two or three weeks sooner than you can mature them from hotbed and cold frame plants. You know what the difference in profit will be if your crop is matured and marketed before the general crop from home-grown plants is matured.

To get the advantage of these FROST-PROOF CABBAGE PLANTS they must be planted 2 to 3 weeks earlier than you would plant home-grown plants.

Our cabbage plants are grown from the best Long Island grown seed. We can fill orders from February 1st to May 1st.

The plants when received will be somewhat wilted and have a hard stunted appearance, which will be disappointing to persons who have never used these plants before. Regardless of appearance, they will produce the crop results.

Varieties: Early Jersey Wakefield, Charleston Large Type Wakefield and Early Flat Dutch.

Prices by Parcel Post, postage paid, 50c per hundred, 200 to 500 plants at 40c per hundred; 1,000 plants, \$3.50; 5,000 for \$15.00.

Prices by Express, buyer paying charges, 1,000 to 4,000, \$2.50 per thousand, 5,000 to 8,000, \$2.25 per thousand; 10,000 and over, \$2.00 per thousand.

TERMS CASH WITH ORDER. No plants shipped C. O. D.

TUCKERS' QUALITY SEED CORN

Our Seed Corn Guarantee

We guarantee each variety of our Seed corn to be exactly as represented, and if on arrival and examination you are not perfectly satisfied, just ship it back and we will gladly refund your money and pay freight charges both ways. The varieties of seed corn we offer are selected with the greatest care, the seed nubbled, tipped, graded, tested for germination and sure to please you.

PLEASE NOTE—Our Seed Corn is all grown in Southern and Central Missouri, and thus is acclimated to this entire and Southern section.

Send Your Orders Early, to be sure of getting your supply. Better order early and state in your order, if we are sold out on the variety wanted, we shall send some other variety, as near as possible to the one ordered, or send your money back.

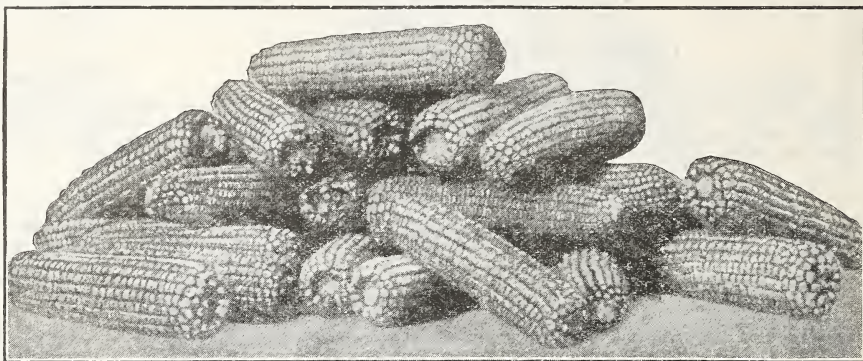
Tuckers' Golden Rod

The Best Deep Grained Yellow Corn on Earth

Deep Grained, Small Cob, Medium Early; stalks short and strong; ears medium size, Golden Rod is an entirely distinct variety, and will outyield and outshell any medium Early Variety of corn we have ever seen.

Golden Rod is the Best, Surest and Deepest Grained corn, that you can plant. A bushel of ears will shell out 60 to 65 lbs. of shelled corn.

Golden Rod matures in 100 to 110 days. Ears average 9 to 10 inches in length and grow just the right height, 3½ to 4 ft. high on the stalk; stalks 6 to 7 feet tall, depending on the ground. Blades broad, and lots of them. Grains very deep and as yellow as gold. Rows straight as a string, cob very small, and on this account the ears dry out very fast. No barren stalks. Each stalk produces one to two ears of the finest yellow corn that is possible to imagine. This corn will fill your crib. Order early and when the seed reaches you, if you don't say it is the finest yellow corn that you have ever seen, just send it back and we'll pay the freight charges both ways. Postpaid, pkt. 10c; 1 lb. 15c; 3 lbs. 35c; gallon, 60c. Not Prepaid, peck, 90c; bu. \$3.25. Larger quantities, \$3.15 per bushel.

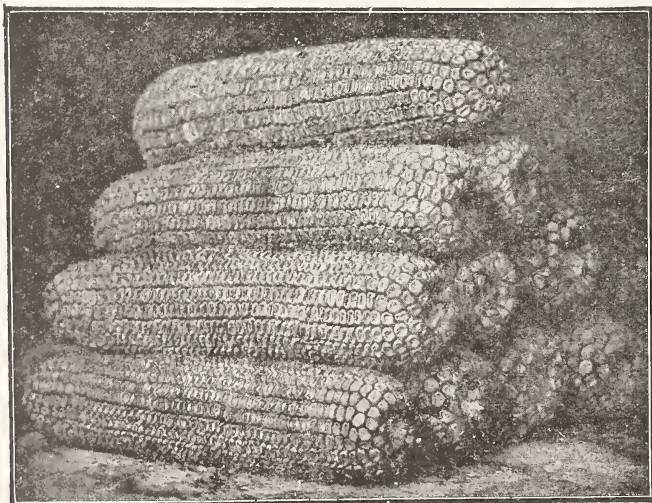


TUCKERS' GOLDEN ROD

Reid's Yellow Dent
Ear medium in size, remarkably uniform, and of bright yellow color, with solid, deep grain and small red cob. Has from 18 to 20 rows of kernels on the cob. Fifty to sixty grains in the row, and fills well over the ends, especially the butt, leaving a small shank, which makes it a great favorite with huskers. Best shredding sort, as it shatters the least of any by actual test. Postpaid, pkt. 10c; 1 lb. 15c; 3 lbs. 35c; gallon, 60c. Not Prepaid, peck 85c; bu. \$3.00. Larger quantities, \$2.90 per bushel.

Golden Beauty
The ears are of perfect shape, with from ten to twelve straight rows of bright golden yellow grains, remarkable in size and filled out completely to the extreme end of the cob. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The grains are not of a hard, flinty nature, neither are they so soft as to be greatly shriveled. Golden Beauty matures in 100 to 110 days from planting. Postpaid, pkt. 10c; 1 lb. 15c; 3 lbs. 35c; gallon 60c. Not Prepaid, peck 85c; bu. \$3.03. Larger quantities, \$2.90 per bu.

Tuckers' Jumbo



TUCKERS' JUMBO

A Grand, Large Eared, Deep Grained Yellow Corn

Tucker's Jumbo combines all of the good points found in other large eared varieties as well as special points of its own, such as extremely deep kernels, strong rugged stalks, very profuse, wide blades, making it one of the best ensilage, as well as a fine large yielding feeding variety. Large ears having 18 to 20 rows of grains. Length from 9 to 11 inches. Very deep grains. Color yellow. Kernels dented and rows run very even on the cob. Matures in 120 days. It makes a rapid, strong and rank growth, attaining a height of 9 to 10 feet, often producing 2 to 3 large ears to a stalk. The foliage is large, healthy and makes unusually fine fodder and is one of the best varieties for that purpose. We consider Jumbo the variety to plant where an extra, large eared corn is wanted. This corn as a whole, is indicative of its name and will certainly surprise you by the depth of its large kernels, the amount of shelled corn from a bushel of ears, and its yield per acre. If you want the best big eared corn grown with large heavy deep grains, a yellow corn that is strictly right, plant Jumbo. Postpaid, pkt.

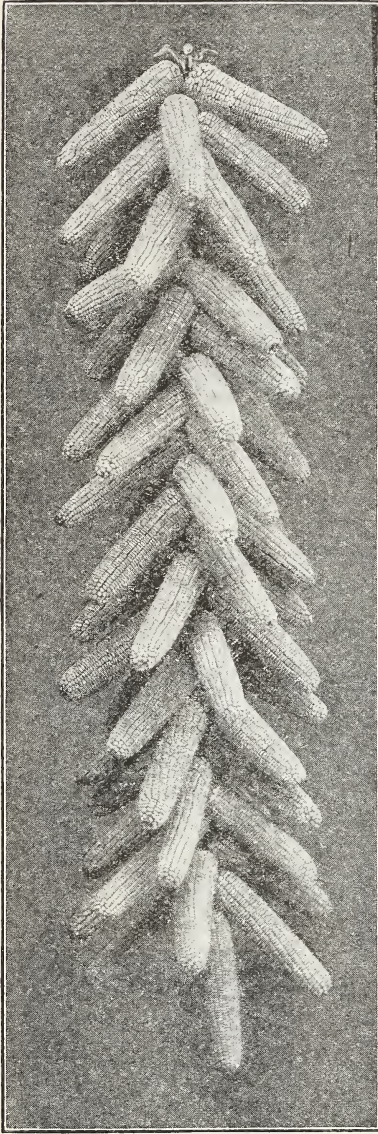
10c; 1 lb. 15c; 3 lbs. 35c; gal. 60c. Not Prepaid, peck 90c; bu. \$3.25. Larger quantities \$3.15 per bu.

TUCKERS' QUALITY SEED CORN

Treat Seed Corn with Semesan Jr. Makes better yields, kills all diseases. See page 29.

80 Day Yellow Dent

An extremely early yellow dent, medium size ears, has a good stalk, growing about six feet high and producing two ears to the stalk very often. This corn produces well on most any soil but is especially adapted to thin and worn out soils, where larger varieties will not produce. Has been known to make 65 bushels per acre on good land. If you are looking for a good early corn to hog down or cut up early, to sow wheat, try some of this. Postpaid pkt. 10c; lb. 15c; 3 lbs. 35c; 5 lbs. 50c; gal. 65c. Not Prepaid peck, 90c; bu. \$3.25. Larger quantities \$3.15 per bu.



IOWA SILVER MINE

Long John

This is the old reliable Long John variety. It is one of the surest sorts, seemingly standing more dry weather and hard knocks than most other varieties. The ears are extra long, averaging 11 to 14 inches and have 10 to 12 rows of grains. The grains are reasonably wide, but not extra deep. The color is yellow. Long John makes an extra heavy growth of stalk and fodder, and a large root growth. Postpaid, pkt. 10c; lb. 15c; 3 lbs. 35c; gallon 60c. Not Prepaid, peck, 85c; bu. \$3.00. Larger quantities, \$2.90 per bushel.

Iowa Silver Mine

Stalk medium in height, ranging from 7 to 10 feet, (dependent on the land, hill or bottom) very leafy broad blades; type of corn even and uniform; ears running from 9 to 12 inches in length; 16 to 20 rows pure white kernels solidly set on a medium small cob. Matures in from 90 to 100 days in good corn weather. Postpaid, pkt. 10c; lb. 15c; 3 lbs. 35c; gallon 60c. Not prepaid, peck, 85c; bushel \$3.00. Larger quantities, \$2.90 per bushel.

Commercial White

A strong, vigorous grower, maturing very early for so large a sort, free from barren stalks. The ears are large, pure white, well filled out at butt and tip, reasonably small stem, ears have sixteen to twenty rows of deep grains. Ears eight to twelve inches long and seven to eight inches in circumference. Matures in 100 to 110 days. Postpaid, pkt. 10c; lb. 15c; 3 lbs. 35c; gallon 55c. Not prepaid, peck 80c; bushel \$3.00. Larger quantities, \$2.90 per bushel.

St. Charles White

The St. Charles White is a pure variety of white corn set on a red cob, and this corn appears to make a finer and better grade for milling purposes and for corn meal than almost any other sort. The ears are usually 8 to 10 inches long, 16 to 18 rows of deep, broad kernels being rounding. The stalks grow from 7 to 8 feet high and have broad succulent blades, thus making it very desirable for fodder or for ensilage purposes. Postpaid, pkt. 10c; lb. 15c; 3 lbs. 35c; gallon 60c. Not Prepaid, peck 80c; bu. \$3.00. Larger quantities, \$2.90 per bushel.

Hickory King

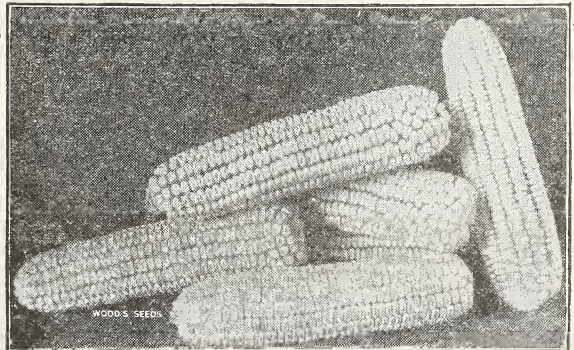
100 days. The cob is so small and the grain is so large when an ear is broken in half, one grain will cover the entire end of the cob. Nearly all of the stalks bear two ears, and we consider it one of the best white corns grown. Does well on thin land. It ripens in from 100 to 110 days from time of planting. Postpaid, pkt. 10c; lb. 20c; 2 lbs. 35c; 5 lbs. 60c; gallon 75c. Not Prepaid, peck, 95c; bu. \$3.50. Larger quantities, \$3.40, per bushel.

Johnson County White

A pure white, deep grained variety. Johnson County White is one of the best of the large yielding main crop varieties. The stalks average 7 to 9 feet high. Wide blades and a very heavy root growth. Ears 9 to 11 inches long, with 18 to 20 rows of pure white, deep grains; cob white. This variety is especially adapted to good soil, where a large yield is wanted. Postpaid, lb. 15c; 3 lbs. 35c; 5 lbs. 50c; gallon 65c. Not prepaid, peck 85c; bu. \$3.00. Larger quantities at \$2.90 per bushel.

Tuckers' Four Ear

This variety of corn originated in the South and our seed comes direct from the growers. This variety of corn makes exceptionally large yields. It is better adapted to poor soils than most of the large varieties and is very hardy. The ears while not as large as the big late varieties are still good size, averaging 7 to 9 inches in length and 10 to 14 rows of kernels. The color is pure white and the grains are deep and set on a small cob. The stalk is medium height and has broad leaves. Matures in about 90 days. This corn will average three to four good ears to the stalk and is a wonderful yielder. We urge our many friends to give our Four Ear Corn a trial and assure them that they will not be disappointed. Postpaid, lb. 25c; 2 lbs. 40c; 5 lbs. 90c. Gallon \$1.15. Not Prepaid, peck \$1.25, bushel \$4.50.



Early Gartner—80 Days

An Extra Fine Early White Corn. Early Gartner is an extremely early white corn, maturing in 80 days. The ears average 12 to 14 rows of kernels. Set very compactly on a white cob. Average length of ears, 9 to 10 inches. It is a certain yielder, seeming to withstand hot, dry weather better than most varieties, and still come through and make a crop. The grains are reasonably deep. The color is pure white and the ears run very even. A great many of our Market Gardener friends, have been planting Early Gartner for roasting ears, with the best of results and returns. Early Gartner has been grown in this section for several years and our friends who have grown it are very enthusiastic about its fine quality, yield and earliness. We give Early Gartner our heartiest recommendation. Postpaid, pkt. 10c; 1 lb. 15c; 3 lbs. 40c; gallon 65c. Not Prepaid, peck 90c; bu. \$3.25. Larger quantities, \$3.15 per bushel.

Boone County White

A very large, heavy ear tapering only slightly from butt to tip, rounding off nicely within an inch of the top; 18 to 24 rows of about 50 kernels each, carried out to the full length of the ear. Tips and butts that are exceptionally well filled out, so little waste space is there between the kernels that the entire surface of the cob is completely covered with practically a solid layer of grains one-half to three-fourths of an inch deep. White cob of only medium size, which together with the depth of grains, gives it a remarkably high selling percentage. Kernels that are of ideal shape creamy white color, moderately rough with large germ. A very strong vigorous stalk 8 to 10 feet high. Matures in about 110 days. Postpaid, pkt. 10c; 1 lb. 15c; 3 lbs. 35c; gallon 63c. Not Prepaid, peck 85c; bushel \$3.00. Larger quantities, \$2.90 per bushel.

Eureka Ensilage

Eureka is a double purpose corn, for aside from being a first-class ensilage corn, as a field variety it ranks high in yield. It is tall and leafy, 12 to 15 feet high, with an enormous growth of fodder. It bears one to two ears to the stalk, the ears frequently over 12 inches, and like all corns that bear more than one ear to the stalk, should be grown on good lands. We recommend it for bottom lands and low grounds. Pkt. 10c; Postpaid, lb. 20c; 2 lbs. 35c; 5 lbs. 75c; gallon \$1.00. Not Prepaid, peck \$1.20; bu. \$4.50. Larger quantities, \$4.40 per bushel.

Flint Varieties of Seed Corn

The advantage of the Flint varieties of corn lie in their extreme earliness, and hardiness. The varieties listed below will be matured enough to shuck and feed, while the later varieties of big corn will be only in the roasting ear stage. The Flint corns are extra fine for cutting stalk and all, early for hog feeding.

Longfellow, Yellow Flint

The most popular of all Flint varieties. It is a beautiful eight-rowed yellow Flint, with slender, straight ears, 10 to 15 inches long. Kernels are large and wide, and cob very small. Ripens in 75 to 80 days, and very prolific. Stalks grow 6½ to 7 feet tall and a great many bear two ears. This variety is extra fine for early hog feed. Postpaid, pkt. 10c; 1 lb. 15c; 3 lbs. 35c; gallon 60c. Not Prepaid, peck 90c; bu. \$3.25. Larger quantities \$3.15 per bushel.

Sanford White Flint

This is probably the best known and most generally planted of the White Flint varieties. It has an extra fine, long, straight ear with eight rows of grain. Ears average 10 to 12 inches in length and are well filled out at both ends. This variety in addition to making good yields of matured corn is excellent for early roasting ears. Postpaid, pkt. 10c; 1 lb. 15c; 3 lbs. 35c; gallon 60c. Not prepaid, peck 90c; bu. \$3.25. Larger quantities, \$3.15 per bushel.

Refer to page 29 for Semesan Jr., the New Corn Disinfectant.

SEED POP CORN

Popcorn is one of the best paying crops that you can plant. Our Pop Corn Seed is selected, and is the best that can be had. All seed shelled.

South American Dynamite

A new variety of the rice type, larger grains, a pearl color and pops out the largest of any variety known. A really wonderful variety. Postpaid, Pkt. 10c; 1 lb. 35c; 3 lbs. 90c; 10 lbs. \$2.50.

Selected White Rice

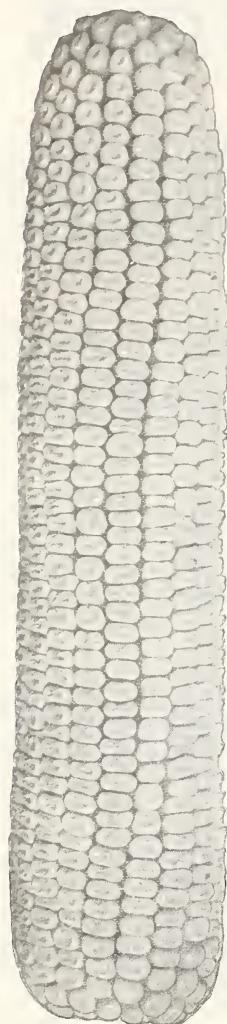
Our stock of this variety is very choice, having been selected very carefully for many years. This variety is one of the best for popping; grains pointed; pops full and white; ears large sized, very handsome; productive; excellent quality, very crisp, and delicious. Postpaid, pkt. 10c; 1 lb. 20c; 3 lbs. 45c; 10 lbs. \$1.25. Not Prepaid, 25 lbs. \$2.50. Larger quantities 9c per lb.

Tom Thumb or Japanese

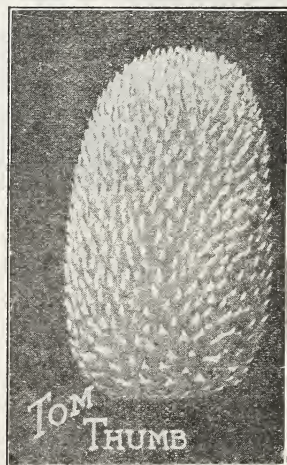
The Tom Thumb is a dwarf growing, White Rice Pop Corn. Is ready for popping soon after it is husked. It is almost hullless and when popped there is absolutely no hard center. The stalks grow about five feet high and bear 2 or 3 perfect ears each. Ears are very uniform in size and nearly white in color. Postpaid, pkt. 10c; 1 lb. 25c; 3 lbs. 60c; 10 lbs. \$1.75. Not Prepaid, 25 lbs. \$3.00. Larger quantities 11c per pound.

Queen's Golden (Small Grain)

Our small grained type of Queen's Golden popcorn is undoubtedly the greatest yielding variety of any of the pop corns. The ears average six inches long and are borne 2 to 3 to the stalk. Stalks grow 5 to 6 feet high with good large foliage. It is a very thrifty grower and roots well. The grains pop out perfectly white and are extremely tender and sweet with almost no hard center. Postpaid, pkt. 10c; 1 lb. 15c; 3 lbs. 40c; 10 lbs. \$1.15. Not prepaid, 25 lbs. \$2.25. Larger quantities, 8 cents per pound.



Early Gartner





SEMESAN JR.

Not Mailable—Must be shipped by Express or Freight
Write for free Booklets pertaining to any crop in which you are interested.
Produces Larger, Disease-Free Crops

For Larger and Better Corn Crops

Semesan Jr. is a powerful disinfectant that effectually destroys all parasites and germs found in seed corn and also provides a protecting disinfection zone around the sprouting seed and plant roots.

Semesan Jr. causes these ten outstanding results:

1. It controls the ear, root and stalk rots, as well as the bacterial wilt of both sweet and field corn.
2. It permits earlier planting by protecting the seeds from soil rots.
3. It acts against the eating of seeds by birds and rodents.
4. It increases germination.
5. It frequently accelerates germination.
6. It invigorates seedling growth and produces sturdier plants.
7. It reduces the amount of "down corn."

8. It improves the quality of the produce.

9. It increases the crop yields.

10. It pays large dividends over the small cost of treatment.

Costs only about 4c per acre to treat seed corn.

Be sure to try Semesan Jr. on your seed corn this year. It is easily applied, is inexpensive and never injures the seed. A pound will treat 5 bushels.

By Express—Not Prepaid

4 Oz. tins...\$0.50 1 lb. tins...\$1.75 5 lb. tins...\$8.00

Semesan Bel

Is the new instantaneous disinfectant for treating both white and sweet potatoes.

In addition to controlling the common potato diseases, such as scab, rhizoctonia, black rot, scurf, black leg, etc., Semesan Bel is harmless to cut, whole or sprouted seed pieces; actually preserves the seed piece against soil-borne organisms; promotes earlier and more profuse sprouting; improves the quality of the produce and increases the yields by such larger percentages as to make the cost of treatment a very profitable investment. Semesan Bel may also be used for disinfecting the roots and tubers of flowers and vegetables especially those which are planted for seed production.

By Express, not mailable. 4 oz. tins, 50c; 1 lb. \$1.75; 5 lbs. \$8.00. Write for special Booklet, Semesan for Seed Potatoes.



SEMESAN

A General Disinfectant for Vegetable and Flower Seeds or Bulbs, and Certain Plant Diseases. 2 oz. tin 50c. One pound cans \$2.75; 5 lb. can. \$13.00. By Express.

CERESAN

Harmless to Seed. A dust treatment—easy to apply. One disinfectant for most cereals. Convenient and economical. (Directions with every package).

Controls Smut diseases of Oats, Barley, Wheat, Sorghum, Kaffir, etc. Two ounces of Ceresan will treat one bushel of seed. Not mailable, by express. Not prepaid. 8 oz tin, 50c; 1 lb. tin, 75c; 5 lb. tin, \$3.00; 25 lb. pail, \$12.50.

Inoculate

ALL LEGUMES

Alfalfa, All Clovers, Soy Beans, Cow Peas, Vetch, Peas, Beans, Peanuts
with

Every Can Stamped
With Expiration Date
Fresh Every Year



Every 1 bu. Size Can
Packed With More Than
7 Billion Legume Germs

The Original Legume Inoculator With The Date And Germ Count On Every Can

For profitable results, Agricultural Colleges advise inoculation for all legume seed, because it pays well in producing larger quality yields. NITRAGIN inoculated legumes draw their nitrogen from the air—not the soil—with billions of fresh, nitrogen-gathering germs. NITRAGIN leads in high GERM COUNT.

Is fresh each year—
it's DATED. Costs
less than others.



NITRAGIN PRICES Alfalfa, All Clovers, ——— Peas, Beans

Size	Inoculates	Price	Size	Inoculates	Price
¾ bu.	15 lbs. seed	\$.40	1 bu.	60 lbs. seed	\$1.00
½ bu.	30 lbs. seed	.60	5 bu.	300 lbs. seed	4.75

Special Prices on Soy Beans and Cow Peas!

(Note sizes carefully—not packed in smaller sizes)
1 bu. 60 lbs. seed \$.40 | 5 bu. 300 lbs. seed \$1.50
2 bu. 120 lbs. seed .70 | 10 bu. 600 lbs. seed 2.50

GARDEN NITRAGIN

Inoculates from 1 ounce to 8 lbs. seed. Price, \$.25
IMPORTANT: When ordering NITRAGIN, always be
sure to state kind of legume seed you wish to inoculate.

Nitragin Has Served The American Farmer Since 1898

SPECIAL PRICES

on
Austrian Winter
Peas and Vetch

½ bu. size	\$.30
1 bu. size	.50
3½ bu. size	1.40
5 bu. size	1.75

INOCULATE ALL LEGUMES
WITH



Price
Expiration Date
Legume Germ
Count

Insist on
NITRAGIN

REFER TO COLORED PRICE LIST IN BACK OF CATALOG FOR LARGER QUANTITY PRICES

American Grown Hardy Alfalfa

USE
NITRAGIN

The Crop That Pays Constant Dividends

The Crop That Builds Soils

USE
NITRAGIN

Facts About Alfalfa

Once established, it lasts for years.
Yields 3 to 4 cuttings nutritious and palatable hay each season.
Feeding value high—contains as much protein as wheat bran.

ALFALFA DEMANDS a well prepared fertile, well-drained soil. A liberal application of lime. Inoculation with Nitragin. Seeds that are adapted to the section where the crop is to be grown.

Sow 15 to 20 pounds per acre on well-prepared land; kill the weeds by constant cultivation from plowing to seeding time. Sow on a deep, well-drained soil; alfalfa cannot live with its feet in water. Before sowing, inoculate the seeds with Nitragin; it pays, and is an insurance against failure. You will find description of Nitragin on page 29.

Does not exhaust the soil, it enriches it.

Claimed to add twice as much nitrogen to the land as Red Clover.

One of the farm's most profitable crops.

GENUINE KANSAS GROWN ALFALFA SEED

In hardiness, Kansas Alfalfa ranks first. It is hardy enough to stand the winters except in high altitudes and where the winters are unusually severe. It is the alfalfa we recommend for general sowing. Quality Brand, Postpaid, lb. 40c; 5 lbs. \$1.85; 10 lbs. \$3.45; 15 lbs. \$4.95.

GRIMM ALFALFA

Genuine Certified Pure Stock

This variety of Alfalfa differs from others, in the fact that it has a branching growth, instead of the single tap root. It makes a great net work of feeder roots, which keep it from freezing out so readily. Its advantages are many, chief of which are its extreme hardiness and great yielding qualities. On account of its hardiness and great growth a field of Grimm Alfalfa will not kill out as easily. Ten to twelve pounds of seed are enough for an acre, as it branches considerably more than other varieties. Postpaid, Lb. 60c; 5 lbs. \$2.85; 10 lbs. \$5.50; 15 lbs. \$8.00.

JAPAN CLOVER (Lespedeza)

On waste and idle lands, poor, worn-out, sandy, gravelly soils, in grazing woodlands or wherever another crop cannot be grown at a profit, we recommend Japan Clover. Its abundant long tap-roots and laterals, when decayed, open up the subsoil and leaves in it great quantities of nitrogenous matter that will increase the yield of succeeding crops. These deeply penetrating roots enable it to withstand severe droughts. Once started, even if only a thin stand is had, it soon spreads and takes possession. Sown on old pastures it will add very materially to the value of the pasture.

When sown alone, sow 10 to 15 pounds Japan clover to the acre in March or April. It does not make much of a showing the first season, but will spread rapidly the second year. A bushel weighs 25 pounds. Postpaid, Lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.25; 15 lbs. \$4.25.

Korean Japan Clover

KOREAN JAPAN CLOVER starts in the spring, has larger foliage, grows more rapidly and is ready to graze before the ordinary variety. A single plant has a spread of 3 feet. The roots penetrate eight inches, making it highly drought resistant. Grows well on acid soils and on lands containing no organic matter. Sow 12 to 15 lbs. per acre in March or April. Postpaid, Lb. 70c; 5 lbs. \$3.25; 10 lbs. \$6.25; 15 lbs. \$9.00.

SWEET CLOVER

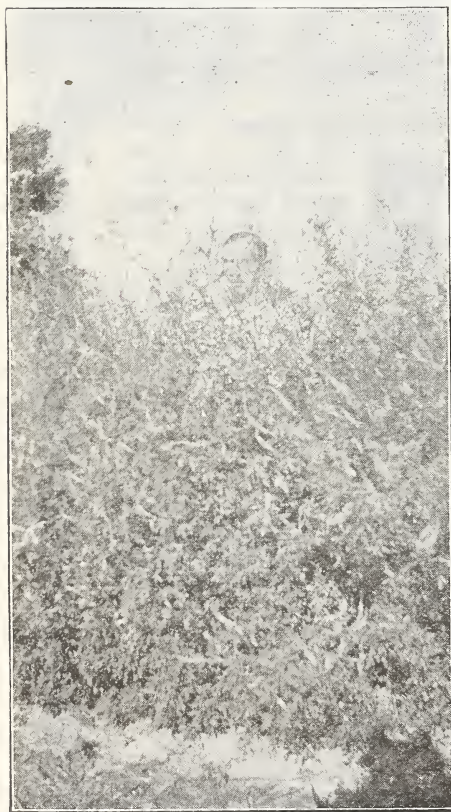
WHITE BOKHARA

If you have a piece of ground that is too poor to bring a grazing crop, sow it in sweet clover. In a few years that same land will grow crops that will surprise you.

On lands too poor to grow a paying crop of corn, on worn out, galled, waste land, on land too sandy to grow any other crop, or too acid or too moist for other clovers, sow sweet clover, and after a few years the land can be brought into condition for general crops. It is adapted to a wider variety of soils than any other clover; is useful for pasture, for forage, for bees, for turning under to improve, for it is a nitrogen gatherer, and for inoculating the land for alfalfa. The deep roots break up, create and drain stiff sub-soil and add humus.

Give sweet clover a thoroughly compacted seed-bed with enough loose soil on top to cover the seeds. On very acid soils an application of either ground limestone or burnt lime is recommended.

Sow 15 lbs. to the acre in February, March or April. QUALITY BRAND, Scarified Seed. Postpaid, lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.75; 15 lbs. \$2.40.





CLOVER AND GRASS SEED

Enrich your soil with clover but don't plant weed seeds.



It takes an expert with a good magnifying glass to discover dodder and other vicious weed in clover seed. Cheap seed will bring you weeds, and prove to be an expensive bargain. Tuckers' Quality Brand Clover, Alfalfa and Grass Seeds are PURE.

Red Clover

Red Clover should be cut for hay when in full bloom. For hay it is particularly well adapted for sowing with Orchard grass as it ripens at the same time, and sowing the two together will give larger yields and of better quality hay than sowing either alone. One-half bushel of Orchard Grass, and 6 pounds of clover will give excellent results. When sown by itself, sow 10 to 12 lbs. per acre, either in the fall or spring.

QUALITY BRAND. Postpaid, lb. 49c; 5 lbs. \$1.75; 10 lbs. \$3.30; 15 lbs. \$4.75.

Mammoth, or Sapling Clover

This is similar to Red Clover, both in the appearance of the seed and its habits of growth, the difference being that it grows larger and is later in maturing. It is considered superior as an improver of soils on account of the extra growth. It is a good variety for thin soils, or to seed with Timothy as it matures about the same time. Sow 10 to 12 pounds per acre by itself or with Timothy 4 pounds of clover and 8 pounds of Timothy will give a liberal seeding.

QUALITY BRAND. Postpaid, lb. 40c; 5 lbs. \$1.85; 10 lbs. \$3.60; 15 lbs. \$5.25.

Alsike Clover

Costs Less to Seed Than Other Clovers.

Alsike Clover grows thicker and is finer in growth than Red Clover, making better hay and probably more and better grazing. It is also hardier, resisting extremes of heat and drought and also severely cold weather to a remarkable extent. It succeeds on a variety of soils, light upland loamy lands as well as stiff bottom lands and is especially adapted to wet land.

The seed of Alsike Clover being much smaller, it costs less to seed an acre than of either the Red or Mammoth Clover. Sow 6 to 8 pounds per acre. When sown in mixture with Red Clover, which is very desirable, sow 3 pounds Alsike and 7 pounds Red Clover per acre.

QUALITY BRAND. Postpaid, lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.25; 15 lbs. \$4.65.



White Clover

A small headed white species exceedingly desirable for mixing with lawn grass seeds. Although it is not a heavy producer it is of great value for use in permanent pastures, as it affords a most nutritious food for sheep and cattle. This variety will succeed in almost any soil. About six pounds are sown to the acre.

QUALITY BRAND. Postpaid, lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.75; 15 lbs. \$6.75.

Alsike Clover and Timothy Mixture

A First Class Hay and Pasture Combination. Especially Adapted for Low, Moist Lands That Will Grow Clover and Timothy.

One great advantage that is realized by a mixture of these grasses is the fact that they are both perennial and make a better combination than most any other two. They do not easily winter kill and are very hardy. They blossom and the seed ripens together and are suited to the same soils.

The Alsike forms a thick bottom and greatly increases the amount of pasture or hay and stock prefer it to Timothy alone. The Timothy acts as protector to the Alsike through the winter. The yield is enormous and of the best quality of hay having the highest feeding value for stock of all kinds and splendid for work horses when pure Clover is objectionable. Sow 12 to 15 pounds per acre.

Our seed is re-cleaned, New Crop, free from obnoxious weed seeds, and is top germination. The proportion of each variety is 20 per cent Alsike and 80 per cent Timothy. **QUALITY BRAND,** Postpaid, lb. 30c; 5 lbs. \$1.00; 10 lbs. \$1.85; 15 lbs. \$2.65.

Red Clover, Alsike and Timothy Mixture

A Great Hay and Pasture Combination

This is a combination of the highest grade seed of Medium Red Clover, Alsike Clover and Timothy Seed. The mixture contains 10 per cent Red Clover, 10 per cent Alsike Clover and 80 per cent Timothy, just the right proportions to make the best hay, or the best pasture. We have a large stock of this seed. It is free from all obnoxious weed seeds and we have re-cleaned the lot and it is entirely clear from all chaff and trash. This mixture is adapted to most all classes of soils, and will grow and produce in all sections. Red Clover and Timothy have long been used as combination grasses and the addition of Alsike greatly increases the value both for hay and pasture. The natural hardness of Alsike makes it especially valuable as an addition to the Red Clover and Timothy. The proportions are 80 % Timothy, 10% Alsike and 10% Red Clover.

Sow 12 to 15 lbs. per acre. **QUALITY BRAND.** Postpaid, lb. 30c; 5 lbs. \$1.00; 10 lbs. \$1.85; 15 lbs. \$2.65.

Refer to Yellow Price List in the back of seed catalog for prices in quantity.

TUCKERS' QUALITY GRASS SEED

All New Crop Recleaned and Especially Selected for Purity, and High Germination.

REFER TO LIST IN BACK OF CATALOGUE FOR PRICES IN LARGER QUANTITIES

Orchard Grass

Orchard Grass is a very vigorous grower. It is succulent and nutritious, and when mowed requires only a few days of seasonable weather to start it growing again. Orchard Grass is excellent as a pasture grass and succeeds in shady situation, such as orchard, park, etc., better than most other grasses. It does best, however, on loamy uplands or moderately stiff soils, although it will succeed very well even on soils that are inclined to be of a sandy texture. It matures early. Orchard grass can be sown either in the spring or fall. Sow at the rate 14 to 16 pounds per acre.

QUALITY BRAND. Postpaid, lb. 35c; 5 lbs. \$1.35; 10 lbs. \$2.50; 15 lbs. \$3.60.

Red Top

Red Top is one of the best and most satisfactory grasses. It is well adapted to all soils and situations, succeeding well on light, sandy soils, as well as stiff upland and low ground, and it really succeeds better in moist situations than almost any other grass. After once being established, it thickens and improves year by year, taking possession of the land and increasing in yield and quantity each successive year. It makes excellent pasturage. It is rather late in starting in the spring and matures its crops at the same time as Timothy. It requires from 8 to 10 pounds to seed an acre. It can be sown either in the spring or fall.

QUALITY BRAND. Postpaid, lb. 35c; 5 lbs. \$1.40; 10 lbs. \$2.60; 15 lbs. \$3.50.

Bermuda Grass

The habit of this grass is to set root at each joint that touches the ground, thereby forming a complete sod. Is decidedly a summer grass, as it does not start off until ground is thoroughly warm in the spring, and turns to a buff color after killing frost in the fall. We believe this grass will help solve the pasture question during the hot, dry summer months. Sow during May or June. Also valuable in some sections as a lawn grass. Sow 3 to 5 lbs. to the acre.

QUALITY BRAND. Postpaid, lb. 60c; 5 lbs. \$2.50; 10 lbs. \$4.75; 15 lbs. \$6.75.

Meadow Fescue or English Blue Grass

Gives a large amount of early and late feed of good quality and yields from one to two tons of hay per acre, which is of fine quality and very nutritious. As a pasture grass it is particularly valuable, as it is a persistent grower, and one of the earliest in spring and the latest in the fall. It rarely freezes out or winter kills, and is very little affected by drought. It grows well in loamy lands and clays. Sow 15 lbs. per acre.

QUALITY BRAND—Postpaid, lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.25; 15 lbs. \$3.00.



Timothy

One of the most popular, nutritious and salable of hay grasses. It is best adapted for sowing on clay or heavy loam, lowlands or in mountainous districts, although it will do well on any good loamy soil, provided moisture is abundant. Timothy requires good land to make good crops. It does not root as deeply, and is not considered as much of a soil improver as other grasses; consequently should not be sown on land deficient in humus or vegetable matter. The best clovers to sow with Timothy are the Sapling and Alsike, as they mature and ripen with Timothy. The practice of sowing the common red clover with Timothy, is not advisable, as they do not ripen together, the clover being ready two or three weeks before the Timothy; thus, either one or the other must be cut at a stage which will not give the best results. Timothy by itself requires a peck, (11 lbs.) to the acre, or with clover, 8 lbs. of Timothy and 4 lbs. of clover will give a good seeding.

QUALITY BRAND. Postpaid, lb. 20c; 5 lbs. 75c; 10 lbs. \$1.25; 15 lbs. \$1.65.



ORCHARD GRASS

Kentucky Blue Grass

The Great Lawn and Pasture Grass, Kentucky Blue Grass is one of the richest and most nutritious of pasture grasses, and should be largely used in all pasture mixtures. For fall, winter and spring it makes the very best pasturage. A thick, well-set sod of blue grass is usually considered an ideal pasturage, both for nutritious qualities and yield, and wherever Blue Grass succeeds it should be one of the principal constituents of all pasture mixtures. May be seeded either in the spring or fall. When seeding for lawns, use one pound to each 20 to 25 feet square. For pasture, 25 to 30 pounds per acre.

QUALITY BRAND. Postpaid, lb. 50c; 5 lbs. \$2.00; 10 lbs. \$3.75; 15 lbs. \$5.25.

TUCKERS' SPECIAL

COMBINATION GRASS AND CLOVER MIXTURE For Both Hay and Permanent Pasture

For use on reasonably rich, well drained soils. This Special Grass and Clover Mixture insures enormous crops of hay of the finest quality and highest feeding value, and after same is cut continuous and abundant pasturage of the richest and most nutritious character until winter sets in. It will stand for years and may be used either for pasture exclusively or hay and pasture as varying conditions suggest. Contains, Medium Red and Alsike Clover, Alfalfa, Timothy, Red Top, English Blue Grass, Italian and English Rye, Grasses, and Orchard Grass. In the mixing of these different varieties of Grass and Clover Seeds, to form this combination, we use only the very best qualities of New Crop, recleaned, high germination stocks, and you may rest assured that you are buying the best that can be had. The different varieties used are proportioned for the best results in yield and Quality of the hay. We stake our reputation on this mixture, not only as to purity and germination of the seeds used, but as to the satisfaction it will give to those who purchase.

Owing to the deep rooting and spreading character of many of the varieties employed, fields sown with this mixture will, during periods of drought, look fresh and green while other meadows and pastures are dry and burned. Sow 16 to 20 lbs. to the acre, either in the Spring or Fall. Postpaid, lb. 35c; 5 lbs. \$1.25; 10 lbs. \$2.35; 15 lbs. \$3.30. Not Prepaid, 25 lbs. \$5.25; 50 lbs. \$10.00; 100 lbs. \$19.00.

TUCKERS' PERFECT LAWN GRASS

INSURES A BEAUTIFUL EVERGREEN LAWN

A smooth, velvety lawn surrounding a house adds not only to the value, but enhances the enjoyment of every home, whether it be in city, town or country. When properly made, a lawn is as satisfactory as any investment a home owner can make. Our Perfect Grass Seed contains only the highest grade of grasses, suitable for the purpose of making a beautiful, durable, lasting lawn. Our Perfect Lawn Grass seed germinates quickly and roots deeply. This enables it to withstand the intense heat of summer and the hard cold of winter, showing a beautiful, rich green from snow to snow. From early spring until late in the Fall, lawns sown with our Perfect Lawn Seed remain green and fresh for the reason, that this mixture includes quick growing varieties which are at their best soon after the frost is out of the ground, others that mature and flourish in Mid-Summer, and still others that are greenest and sturdiest in Autumn. For each of these seasons there are several different varieties living on different elements in the soil, so that one is certain always to have a satisfactory carpet of green wherever our Perfect Lawn Seed is sown, under favorable conditions. For spring sowing, Lawn Grass should be sown as early as possible, although with seasonable weather conditions it can be sown as late as the end of March or early in April. The earlier the seed is sown, the better. In seeding new lawns, use at the rate of one pound to each 25 feet square. For renewing old lawns, use about one-half the above quantity. Postpaid, lb. 50c; 5 lbs. \$2.50; 10 lbs. \$4.75; 15 lbs. \$6.75. Not Prepaid, 25 lbs. \$10.00; 50 lbs. \$18.00; 100 lbs. \$35.00.



TUCKERS' SPECIAL

ROUGH LAND PASTURE MIXTURE

This mixture is composed entirely of grasses and clovers that are especially adapted to rough, stony and brush lands. It will furnish an abundance of fine pasture from early spring until late fall, and in open winters it will give you pasture all season. This special mixture contains, Red Clover, White Clover, Alsike, Orchard Grass, Kentucky Blue Grass, English and Italian Rye Grasses, Tall Meadow, Oat Grass and Timothy. It is especially adapted to rough, broken cut over timber and brush lands, and will furnish the greatest amount of fine pasturage the season through. In making this mixture, we follow the same plan of using only the very highest grades of Grass and Clover Seeds, that we do in our Permanent Grass and Clover Mixture. We have sold our Special Rough land pasture mixture for several years and have thousands of pleased customers who praise the results they have obtained by seeding it. Sow 16 to 18 pounds to the acre, either in the Spring or Fall. Seed this mixture for permanent results. Postpaid, lb. 35c; 5 lbs. \$1.40; 10 lbs. \$2.60; 15 lbs. \$3.65. Not Prepaid, 25 lbs. \$5.25; 50 lbs. \$10.00; 100 lbs. \$19.00.



DWARF ESSEX RAPE

This crop is very highly recommended for pasturage for cattle, sheep and hogs, furnishing most rich and nutritious pasturage within 6 to 8 weeks from the time of sowing. The fattening properties of Rape are said to be very much better than those of clover. It also makes splendid green feed for poultry. For spring sowing, sow as early as you can conveniently get it in, the earlier the better. Rape is best sown in drills at the rate of 3 to 5 lbs. per acre or it can be sown broadcast, when 6 to 8 lbs. per acre should be used. QUALITY BRAND. Postpaid, lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.75; 15 lbs. \$2.25.

CANADA FIELD PEAS

Canada Field Peas, sown early with oats, usually make one of the largest yielding and most nutritious spring forage crops that can be put in; but they should be sown early in February or not later than the middle of March for the best results. The earlier they are put in, the better. Under favorable circumstances, Canada Field Peas will yield more nutritious forage to the acre than any similar crop that can be seeded in the spring, and they make a complete food, feeding grain being unnecessary when horses and cattle are fed on oat-pea hay. These Peas are second only to clover in their soil-enriching properties, and can be grown under almost any condition of soil or climate. There is always a ready market for Peas, or they can be profitably ground and fed to the stock. The vines make rich, nutritious hay. If fed when in a green state, pods, vines and all to milch cows, the flow of milk will be almost doubled.

Canada Field Peas are a paying crop, and can be profitably planted in many ways. When sown alone, about one bushel is required to the acre. Peas and oats are frequently sown together, using 1 bushel of peas and one bushel of oats or rye to an acre. By so doing, a double crop can be secured. QUALITY BRAND, Postpaid, pkt. 10c; lb. 20c; 5 lbs. 75c; 10 lbs. \$1.35; 15 lbs. \$1.70.

Refer to Price List in back of Catalogue for prices in larger quantities.

COW PEAS

Plant More Cow Peas; Improve Your Soil and Save Feed Bills



FACTS ABOUT COW-PEAS

Pound for pound, cow-pea hay is as valuable as clover hay.

It is nearly equal in value to alfalfa and wheat bran.

It contains four times as much digestible protein as timothy hay.

Makes a fine feed for beef stock and dairy cattle.

Wheat and oat lands put into cow-peas after harvest can be seeded to grain again in the fall, making two crops a year on the same land.

Does not require expensive fertilizer, but adds nitrogen to the soil and improves its mechanical condition.

They can be grown on any soil that is not too wet.

There is no cheaper way to improve poor land than by growing cow-peas.

The Brabham

The Most Prolific Cow Pea Known

It is the most prolific pea known and the greatest hay producer. They are of "upright growth," do not commence to crawl until the plant reaches a height of 1½ to 2 feet; pods are long, growing at end of vine; pods do not open after ripening. More leaves remain on the stalk than on any other variety. On account of their small size, they will seed much farther than other varieties. Plant in drills or broadcast, the former the most economical. The seed is about one-half the size of the Whippoorwill variety and is speckled and colored like the former. Postpaid, pkt. 10c; lb. 20c; 5 lbs. 75c; 10 lbs. \$1.35; 15 lbs. \$1.75.

Cream Crowder

Not only one of the earliest to mature, but is also one of the most prolific and best-flavored table peas. It is also excellent to use for a forage crop and soil-improver, as it makes a large growth of vines. Postpaid, lb. 35c; 5 lbs. \$1.25; 10 lbs. \$2.25; 15 lbs. \$3.00.

New Era

An early maturing variety which has proved very popular and satisfactory. It is upright growing, quick to mature, and remarkably prolific of peas. The vines cure easily, making splendid dry forage.

QUALITY BRAND. Postpaid, pkt. 10c; lb. 20c; 5 lbs. 60c; 10 lbs. \$1.00; 15 lbs. \$1.40.

Extra Early Blackeye

These are ten days to two weeks earlier than the Large Blackeye, and a most valuable variety. They do not run as much as the large Blackeye Pea, but grows more in bush shape and hold the peas up well off the ground, and the pods are very thickset on the vine.

QUALITY BRAND. Postpaid, pkt. 10c; lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.75; 15 lbs. \$2.75.

Large Blackeye or Dixie

The Large Blackeye Peas are more prolific, better flavored, and bring a higher price than the ordinary Blackeye. The peas are large and are yielded in great quantities. The Dixie Pea is a true vining variety. It is a wonderful producer of both peas and hay.

QUALITY BRAND. Postpaid, pkt. 10c; lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.25; 15 lbs. \$3.00.

Whippoorwill

A favorite, early variety, more largely used and sold than any other kind. Has brown speckled seeds which are easily gathered. Makes a good growth of vine which can be easily cut and cured as dry forage.

QUALITY BRAND. Postpaid, pkt. 10c; lb. 20c; 5 lbs. 75c; 10 lbs. \$1.25; 15 lbs. \$1.75.

Gallavant or Lady

The peas are small in size, of very fine flavor; superior in table qualities to the Blackeye Pea. It is very prolific and a desirable variety to grow. It is known in some sections as "The Lady Pea."

QUALITY BRAND. Postpaid, pkt. 10c; lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.25; 15 lbs. \$3.00.

JAPANESE BUCKWHEAT

The best sort for the West. It matures early, resists drought better, and is more vigorous and hardy than the old sorts. The grains are almost again as large as the old sorts, and the yield is much larger. It should be sown about the first of July, broadcast, at the rate of one-half bushel per acre. This sort will yield on an average, 20 bushels per acre. It quickly gathers moisture, when left standing in the field, and for this reason should be threshed as soon as dry. Excellent as a plant for bees. Postpaid, lb. 20c; 5 lbs. 60c; 10 lbs. \$1.00; 15 lbs. \$1.35.



SOJA BEANS

Refer to Price List in back of catalog for prices on larger quantities.

Any good corn soil will grow Soy Beans. The yield of beans is from 10 to 20 bushels per acre. When grown for the beans, they should be drilled in rows and cultivated like corn, using about one-fourth bushel of seed per acre. For hay they should be sown thickly, broadcast or in drills, at the rate of one bushel per acre.

FACTS ABOUT SOY BEANS

They will grow on all kinds of soils.

Soy beans have a higher feeding value than cow-pea hay.

Soy bean hay is more nutritious than cow-pea hay.

As a milk and butter producer soy beans are equal to alfalfa and superior to cotton seed meal.

A bushel of soy beans is worth more for feed than two bushels of corn.

They can be hogged down without any harvesting expense.

When cut at the proper stage of growth the hay is equal to alfalfa for dairy cattle.

Drought and excessive rainfall affect them less than cow-peas.

It is one of the easiest crops to grow and harvest. They make a fine hog pasture.

They can be grown with cow-peas to hold the pea-vines off the ground; will improve the quality of the hay and make it easier to cure.

They increase the yield of the following crop.

Mammoth Yellow

One of the largest known varieties of Soja Beans. Produces a world of foliage and beans. Grows to a height of four feet and bushes are covered from top to bottom with pods. The best variety to plant with corn. Matures late in the summer. Postpaid, pkt. 10c; lb. 20c; 5 lbs. 75c; 10 lbs. \$1.35; 15 lbs. \$1.95.

Virginia

On account of its abundant growth and large yield of beans the Virginia makes most excellent hay and ensilage. As it is about 20 days earlier than Mammoth Yellow, it can be grown farther North and throughout the corn belt. The vines make a fine growth, are filled with pods, stand about 3 feet high, are easy to cut and easy to cure. Postpaid, pkt. 10c; lb. 20c; 5 lbs. 60c; 10 lbs. \$1.00; 15 lbs. \$1.25.

Laredo

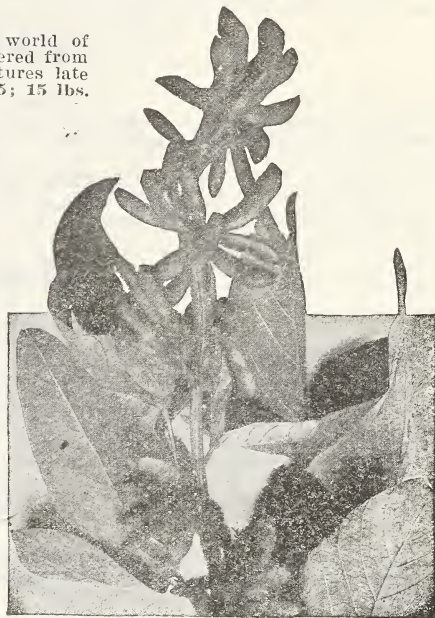
The Wonderful New Soja Bean

When up a few inches they stool up like oats and each individual plant sends out from six to fifteen very fine branches, which makes it one of the best for hay beans. It will mature very good in high latitudes and is upstanding and does not twine and fall. It has no equal as a bean producer. One bushel of 60 lbs. will plant ten acres in 3 foot rows, three to four seeds to the foot in drills. The seeds are small, black and flat. Can be sown from the later part of April to the middle of July. The proper time to cut for hay is when the beans are about half matured. In that way it holds all its leaves and very prolific in beans. Seed very scarce. Postpaid, lb. 25c; 5 lbs. 75c; 10 lbs. \$1.30; 15 lbs. \$1.75.

Manchu

Manchu is a medium early variety, maturing beans in 90 to 100 days. The beans are yellow with a peculiar black seed scar. Manchu is the favorite with oil mills because of its heavy oil content. It produces an abundance of both beans and hay and is rapidly becoming the standard variety wherever it has been tried.

Postpaid, lb. 20c; 5 lbs. 75c; 10 lbs. \$1.25; 15 lbs. \$1.65.



MUNG BEANS

A Wonderful Yielder of Beans and Hay

The Mung Bean is an erect, much branched plant, growing from 3 to 4 feet high. In general appearance it resembles the Soja Bean, but branches more, the branches spreading out wider. The pods average $2\frac{1}{2}$ to 4 inches long and are borne out on the ends of the branches. The pods grow in clusters of from three to five, each pod containing from 10 to 14 seeds, which are yellow in color. The beans are small and are very rich in protein. The pods range in color from brown to black. The foliage is dark green and the leaves and foliage do not shatter as badly as do Soja Beans. The stem of the plant is much softer than the Soja bean thus making a better forage. The yield of beans is from 8 to 15 bushels to the acre. Maturing season is about 90 days. Seed required per acre single rowed and cultivated is 3 to 5 pounds and they should be planted the average width of a corn planter. The Mung Bean has been known in the U. S. for a great many years, but it is only in the last three to five years that its many advantages have been realized and planting became general. In some sections of the south it is rapidly becoming the main dependence as a forage crop. This is due to its excellent feed value. The hay is fully equal to Soja Beans, Cow Peas and Alfalfa.

We predict for the Mung Bean a permanent place in American agriculture.

Because of its newness in general planting and the enormous demand, the seed will necessarily be high in price for several seasons, but we do urge our many friends to at least give this bean a trial this season. Our supply of seed will be very limited and for this reason we suggest that you order early. Postpaid, pkt. 10c; lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.25; 15 lbs. \$3.00.

TEOSINTE

A single seed producing from thirty to sixty stalks, each 10 to 12 feet high, gives some idea of what an enormous yield may be had from Teosinte. If cut when 4 or 5 feet high, it makes an excellent fodder, starts immediately into growth again, and will give several more cuttings as large as the first; we have known it to yield five cuttings a season. If sufficient is planted a continuous supply of nutritious green feed can be had daily right up to frost. The leaves are longer and broader than corn, contains 8 to 10 per cent of sugar, and are greedily eaten by all kinds of stock. It makes splendid ensilage, but is more particularly recommended as a continuous cutting green feeding crop. Plant in May or June in drills $3\frac{1}{2}$ to 4 feet apart; 2 to 3 lbs. plants an acre. Postpaid, oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25; 5 lbs. \$6.00; 10 lbs. \$11.50.

SEED FLAX

Flax is one of the best paying grain crops, making good yields on any average soil. The high range of prices for Flax Seed the past few years make it one of the most profitable crops that can be grown. It is easy to handle and almost certain in its yield. The growing of a crop of Flax leaves the soil in the best of condition to follow with Wheat in the Fall.

Sow 25 to 30 pounds per acre; sow as early as possible and yet avoid the last killing Spring frost. Postpaid, pkt. 10c; lb. 20c; 5 lbs. 60c; 10 lbs. \$1.00; 15 lbs. \$1.35.

SPRING BARLEY

ODERBRUCKER OR WISCONSIN NO. 55

The Oderbrucker is considered the best variety of Spring Barley. It is the largest yielding, has the stiffest straw, is rust resistant and contains 15 per cent Protein, which is nearly double that found in any other variety. This high protein content makes it exceptionally valuable as a high class feed. Farmers and Stockmen are beginning to appreciate the high feeding value of Barley and the cheapness with which it can be grown. It is good feed for all classes of stock, horses as well as cattle, and when ground, makes an excellent hog feed.

Oderbrucker is a six-rowed bearded variety. When seeding sow 2 bushels to the acre with a wheat drill or broadcast. QUALITY BRAND. Postpaid, lb. 15c; 5 lbs. 60c; 10 lbs. \$1.00; 15 lbs. \$1.35.

HAIRY VETCH

A WONDERFUL FORAGE OR PASTURE PLANT

Also called Winter Vetch. This useful plant is noted for its extreme hardness and is valuable for forage and fertilizing purposes. It is an annual, but drops its seeds freely and will come up year after year on the same ground. The Department of Agriculture estimates the value of an acre of Vetch plowed under equivalent to \$16 worth of commercial fertilizer. A sowing made in August or September covers the ground before winter, prevents washing during winter and early spring. It can also be sown in April and will be ready to cut by the middle of July, the second growth affording excellent hog pasture during the summer. The yield of forage varies from 10 to 15 tons per acre, equal to 3 to 4 when cured as dry hay. Sow in drills, using 30 pounds per acre. QUALITY BRAND. Postpaid, lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.85; 15 lbs. \$2.50.

SEED RYE

Northern White Seed Rye is considered the best variety in this section for pasture. It is also an excellent producer of grain and a great many farmers find it more profitable to grow as a grain crop than wheat. Postpaid, lb. 15c; 5 lbs. 45c; 10 lbs. 75c; 15 lbs. 95c.

MILLETS

Seed after the soil is thoroughly warm, using 25 to 40 pounds of seed per acre. Millet does best on rich soils, full of humus, or vegetable matter, where the seed bed is fine and well prepared. It is not suitable for stiff clay or cloddy soils, which would cost too much to prepare for this crop. When sown in hot weather, Millet is especially good to subdue weeds.

German Millet

German Millet makes a large yielding and most nutritious hay crop, quick-growing and easily cured. It requires, however, to be seeded thickly and the crop should always be cut while in bloom, before the seed hardens in the head. It can be sown at any time from the middle of May until the end of July. Do not sow too early as it does not grow off well until the soil and weather get warm. It matures its crops in from 6 to 8 weeks after seeding. Our Seed of this Variety is the Genuine Pure Stock. Postpaid, lb. 20c; 5 lbs. 65c; 10 lbs. \$1.00; 15 lbs. \$1.35.

White Wonder Millet

The most striking feature of White Wonder Millet is the size of the heads. The heads of this variety will run from 8 to 12 inches and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is very heavy and this variety will yield fully half again as much as Golden Millet and some growers state that it will outyield other millets three to one.

Another very desirable feature is its earliness. White Wonder Millet is much earlier than Golden Millet.

The foliage is very heavy and the leaves broad, resembling those of corn. It produces an immense amount of excellent fodder which cures very readily.

Postpaid, lb. 20c; 5 lbs. 60c; 10 lbs. \$1.00; 15 lbs. \$1.35.



SUDAN GRASS

A Wonderful Quick-Growing Summer Hay and Pasture Grass

Refer to Price List in back of Catalogue for Prices in Larger Quantities

Sudan Grass requires a fine bed and seeding should be done after the soil has become warm, about corn-planting time or a little later. When sown in cold soil, the result is usually a poor stand or slow growth for several weeks, so that in the end no advantage has accrued from the early seeding. In seeding broadcast or in rows with a wheat drill, about 20 pounds of seed is required for an acre. In planting for seed, it is drilled in rows wide enough apart to allow of cultivation, using 4 pounds per acre. Sudan Grass stools wonderfully as many as 100 stalks from one seed have been found and this combined with the fact that 2 to 3 crops can be cut from one seeding in a season places this wonderful grass ahead of all others. The hay should be cut as soon as the grass is fully headed and early cutting is specially advised where more cuttings per season are expected. The grass can be cut with a mower the same as other grasses. Sudan Grass stools out thickly after the first cutting and makes a thicker growth for the second and third cutting than for the first. Our stock is absolutely pure and first class in every way. **QUALITY BRAND, Postpaid, pkt. 10c; lb. 20c; 5 lbs. 60c; 10 lbs. \$1.15; 15 lbs. \$1.50.**

SORGHUMS

Non Warranty

Because the yield is dependent upon so many things beyond our control, we do not guarantee Cane Seed to produce syrup.

Do not plant Sorghum or Cane Seed until the soil is thoroughly warm. In drills for Sorghum, 4 to 5 pounds of seed per acre are required. For hay, 1½ to 2 bushels, either broadcast or drilled.

Texas Ribbon

JAPANESE HONEY DRIP

Open Head Type. One of the very best varieties for Sorghum purposes. The stalks grow to a very large size, both in height and diameter. Ribbon Cane has produced the greatest number of gallons of sorghum of any variety ever planted in this section. We strongly recommend Ribbon Cane. It also makes excellent forage making big yields and is sweeter than any ordinary variety of fodder cane. **Postpaid, pkt. 10c; lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00; 10 lbs. \$1.75; 15 lbs. \$2.25.**

Sugar Drip

This variety not only makes large yields of syrup, but syrup of decidedly superior quality to the ordinary variety of sorghum. It is not a difficult matter to make sorghum, and with a variety like Sugar Drip, we believe that the making of sorghum will become very general, not only for home use, but also for sale in our local markets. It is also exceedingly adapted for forage, making an excellent growth, and is more juicy and succulent than other kinds. **Postpaid, pkt. 10c; lb. 20c; 2 lbs. 35c; 5 lbs. 75c; 10 lbs. \$1.25; 15 lbs. \$1.65.**

Early Amber

The earliest type in cultivation. Black-hulled; stalks tall and slim. Most suitable for hay, as it matures very quickly. Makes syrup of excellent quality. **Postpaid, lb. 15c; 5 lbs. 50c; 10 lbs. 85c; 15 lbs. \$1.05.**

Early Orange

With taller and heavier stalks than Early Amber. Largely used for hay and fodder. **Postpaid, lb. 15c; 5 lbs. 50c; 10 lbs. 85c; 15 lbs. \$1.05.**

SEED OATS

Our Seed Oats are Recleaned and Top Germination

Texas Red Rust Proof

The Red Rust Proof Oat develops to the very highest perfection. The grains are true in shape and color, are extra large and plump; stool wonderfully, are Rust Proof, while the growth is very vigorous. This Oat is very hardy, standing cold weather and hard knocks extra well. The seed is reddish yellow in color, very large and plump, straw is very stiff and heavy with good wide leaves.

Kanota

A New Early and Heavy Yielding Oat

Kanota Oats are of recent introduction. The Kansas Agricultural Experiment Station are sponsors for the Kanota Oats. Here is what they say about the variety:

"Its rapid, early growth in the spring, early maturity, ability to resist or survive late spring frosts, comparative freedom from smut, and the high average yields secured are such as to support the belief that this variety will prove a valuable addition to the oat-growing sections."

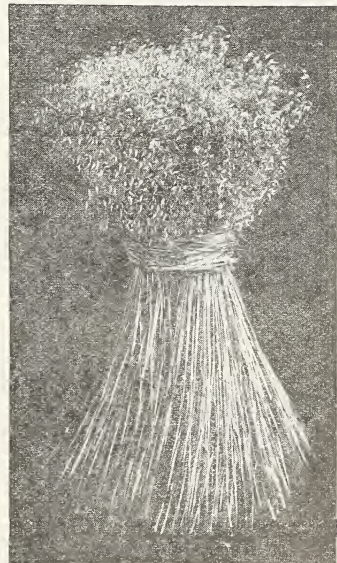
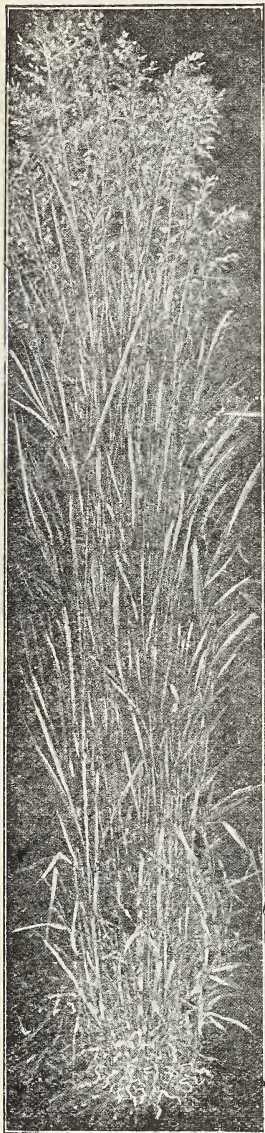
"The two characteristics which make Kanota especially valuable are its earliness and its ability to yield large crops. Growers have uniformly reported Kanota to be from 7 to 10 days earlier than Red Texas."

"In sections where hot weather and midsummer droughts are common this early maturity is a tremendous advantage, especially when combined with heavier yields."

Fulghum

The Fulghum Oat has become very popular during the past few years. This is due to their extreme earliness and great productiveness. They stool out wonderfully, have large full heads, fine plump grains and strong straw, that stands on an average of about three feet high. The yield in this section has been especially good the past few seasons as compared to other varieties. We strongly recommend the Fulghum as being one of the best, surest and largest yielding of any of the varieties.

Kindly refer to colored price list in back of catalogue for Oat prices.



Refer to Price List in back of Catalogue for Prices in Larger Quantities.

FETERITA

The grain of Feterita is similar to Milo, but is pure white and also larger and softer. It does not shatter badly and yields up to 50 bushels per acre. Feterita is planted in rows like Kaffir or Milo, using from three to five pounds per acre and the crop is cultivated and harvested just like Milo. Feterita grows about five feet high, on an average. The heads grow up straight like Kaffir and are a little larger around, but not quite so long. The grain is softer than Kaffir or Milo grain and is liked better by all kinds of stock. Feterita matures from 15 to 20 days earlier than Kaffir. Feterita has the same food value for feeding all kinds of stock or poultry that Kaffir or Milo has. Postpaid, pkt. 10c; lb. 20c; 5 lbs. 60c; 10 lbs. \$1.00; 15 lbs. \$1.35.

RED KAFFIR CORN

Grows taller than the white; stalks slender, juicy and very leafy. The seed is red, smaller than that of the white, and yields much heavier. Postpaid, pkt. 10c; lb. 20c; 5 lbs. 50c; 10 lbs. 90c; 15 lbs. \$1.15.

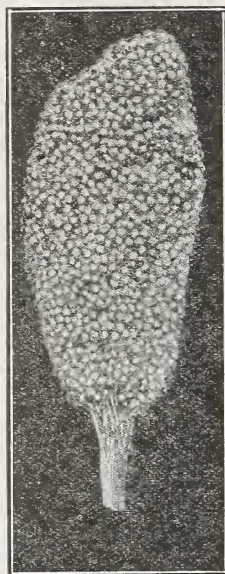
HEGARA

A cross between White Kaffir and Feterita. It is more desirable for forage than either and the bad qualities of each have been eliminated; when ripe Feterita shatters out, Hagara will not. It is dwarf in habit of growth, and the compact heads of large white grain make it very attractive. The stalks contain more saccharine matter than Feterita and Kaffir, which makes it better for stock feeding, and for filling silos. Plant 8 to 10 pounds per acre. Postpaid, lb. 20c; 5 lbs. 75c; 10 lbs. \$1.25; 15 lbs. \$1.50.

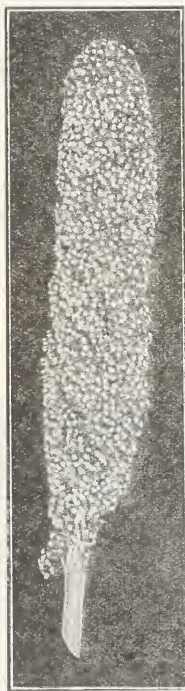
SCHROCK

The Great Yielding Kaffir Sorghum

Schrock is a cross between Kaffir and Sorghum Cane. Its best features are its earliness, immense yield of both grain and fodder; its sweetness and hardness. Schrock can be planted about three weeks earlier than Kaffir corn. Its requirements for producing a large crop of both grain and fodder, are simply plenty of shallow cultivation. The grain is especially rich in feed value and the sweet stalks make fine fodder or ensilage. For grain plant in rows about three feet apart using four to five pounds of seed per acre. For fodder, use 50 pounds per acre, either with wheat drill or broadcast. Postpaid, pkt. 10c; lb. 20c; 5 lbs. 60c; 10 lbs. \$1.00; 15 lbs. \$1.35.



FETERITA



KAFFIR CORN

KAFFIR CORN

Genuine Dwarf White
Blackhull

Is the result of careful selection extending over a number of years, and which has produced a type of uniform dwarf growth. The plants range from $3\frac{1}{2}$ to 5 feet in height, depending somewhat on quality and condition of the soil and weather conditions. The heads are uniformly larger and of better shape than the older types of White Kaffir.

Postpaid, pkt. 10c; lb. 20c; 5 lbs. 60c; 10 lbs. \$1.00; 15 lbs. \$1.35.

MILO MAIZE

Milo Maize makes a thick growth and excellent forage which is very nutritious. The yield in grain is about equal to Kaffir Corn. Milo also makes excellent ensilage. Postpaid, pkt. 10c; lb. 20c; 5 lbs. 60c; 10 lbs. \$1.00; 15 lbs. \$1.35.

SUNRISE KAFFIR

A New Kaffir With A Sweet Stalk

This is a new Kaffir and a big improvement on the ordinary varieties. It has rather small heads and small kernels, but the yield of grain is very high. It threshes out more grain than will be expected from the appearance of the field.

A very important characteristic of Sunrise Kaffir is that stalks and leaves are very sweet, being similar to sweet sorghums. The stalks are slender and produce more leaves than other kaffirs. Therefore, the fodder is not only of excellent quality, but also produce in large quantities, and with very little waste in feeding.

Plant Sunrise Kaffir and get the double benefit of a heavy yield of White Kaffir grain and an abundance of fodder almost as sweet as sorghum. Postpaid, lb. 20c; 5 lbs. 75c; 10 lbs. \$1.25; 15 lbs. \$1.60.

SHALLU

Egyptian Wheat

Shallu is a non-saccharine sorghum and an excellent producer of both grain and forage. It grows quite tall and stools out from the roots, a single grain producing from three to six stalks. The heads are similar to broom corn heads and are well filled with large, plump, round white seeds. It makes a lot of fodder and is quite drought-resistant.

It makes excellent feed for horses and cattle, and for chicken feed there is nothing better.

It should be sown in rows three feet apart, sowing 3 to 5 pounds per acre.

If sown for fodder only it can be sown broadcast at the rate of about 40 to 50 lbs. per acre. Every farmer should try some Shallu and especially if he raises chickens. Postpaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00; 15 lbs. \$2.75.

BROOM CORN

Oklahoma Dwarf

Quite distinctive from all others in earliness. Of robust habit and extreme productiveness; brush long and well fibered and is a drought resister. Averages five feet in height, making it convenient for pulling brush. Postpaid, pkt. 10c; lb. 25c; 2 lbs. 35c; 5 lbs. 75c; 10 lbs. \$1.25; 15 lbs. \$1.60.

Improved Evergreen

This Broom Corn grows about 7 to 9 feet high, stands up well, and is entirely free from crooked brush. The fiber is long and fine. Its greatest value is, that it will not get red in the field before it is cut, but is strictly a green variety of brush. Postpaid, pkt. 10c; lb. 20c; 2 lbs. 35c; 5 lbs. 75c; 10 lbs. \$1.25; 15 lbs. \$1.60.

TUCKERS' QUALITY BRAND TESTED SEEDS, INSURE YOU OF SUCCESS, WHY TAKE A CHANCE—
PLANT TUCKERS' SEEDS AND STOP WORRYING.



To grow flowers well, the soil must be carefully prepared as for vegetables. Spade the beds to a good depth and make them rich with well rotted manure, thoroughly mixed in. A small quantity of sand will greatly improve stiff, heavy clay. Don't bury your seeds. Plant the largest, like Nasturtiums, not more than an inch deep, Balsams, half an inch, Asters, a quarter of an inch, Petunias, Poppies, etc., on the surface. Firm the soil over the seeds with a board and keep it constantly moist. Don't allow seedlings to crowd each other. Transplant in cloudy weather or in the evening and shade from the sun a day or two.

DISCOUNTS ON PACKET FLOWER SEEDS—For 25 cents select 6 five-cent or 3 ten-cent pkts.; for 50 cents select packets to the amount of 65c. For \$1.00 select packets to the amount of \$1.30. We prepay postage on all Flower Seed.

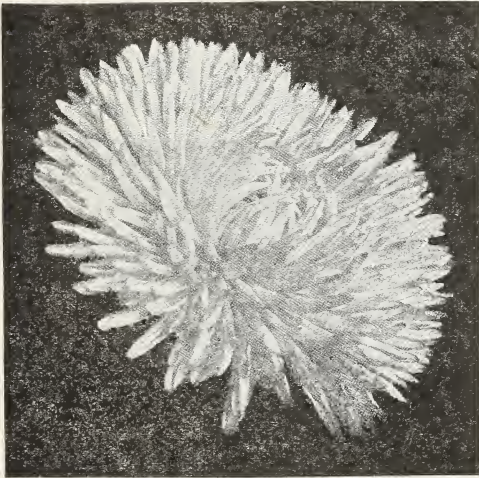
FLOWERS FROM SEED ARE USUALLY KNOWN AS ANNUALS, BIENNIALS AND PERENNIALS.

ANNUALS bloom and ripen seed the first year and then perish.

BIENNIALS do not generally flower the first season and are in perfection only one year.

PERENNIALS continue to flower for several years in succession. Many of them bloom the first year if sown early.

KEY—Annuals, (A). Biennials, (B). Perennials, (P)



Ostrich Plume

The finest type of the Giant Comet or Ostrich Feather type of Asters. Borne on long stems, they make cut flowers par excellent. Finest Mixed. Pkt. 10c; ¼ oz. 25c; oz. 75c.

Alyssum (A)

Little Gem—We know of no other flower which is so particularly well adapted for border, ribbons, etc. The plants commence to bloom when quite small, and will flower all summer long until late in the fall. This habit with its fragrance, make it indispensable. Pkt. 5c; 1-8 oz. 15c; oz. \$1.00.

Maritimum—Of trailing habit. Fragrant. Pkt. 5c; ¼ oz. 20c; oz. 60c.

Ageratum (Floss Flower)

Very showy plants; bloom profusely the whole summer; fine as cut flowers. Splendid for borders, ribbon beds, etc. Half hardy annuals. Finest Mixed. Pkt. 10c; ¼ oz. 20c; oz. 60c.

ASTERS (A)

Tuckers' "Superb" Mixture

A magnificent mixture, producing myriads of gigantic flowers of the most gorgeous colors and perfect form. This mixture contains the cream of all the Asters. We have spared nothing to make it the most perfect of any Aster mixture offered. It will surprise you with its great profusion of varieties, all beautiful, striking and distinct, with a range of color not to be found in any other Aster mixture. Price, pkt. 10c; 1-8 oz. 25c; ¼ oz. 45c; oz. \$1.50.

Giant Crego

The flowers are of immense size and borne on stems twelve inches or more in length. The petals are most attractively curled and twisted, resembling Chrysanthemums. The plants are of strong branching growth and usually attain a height of two and one-half feet. The delightful flowers are borne in abundance from late August until the end of September. Finest Mixed. Pkt. 10c; 1-8 oz. 25c; ¼ oz. 40c; oz. \$1.40.

Giant Branching

Beautiful asters for cut flowers. Quite different in several respects from any other aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are very large, very double, borne on long, stiff stems, and the colors clear and handsome. Finest Mixed. Pkt. 10c; 1-8 oz. 25c; ¼ oz. 40c; oz. \$1.40.

American Beauty

Is similar in type of flower and growth to the well-known Giant Branching Asters, but differs in that all the large blossoms are produced on much longer and heavier stems. The flowers are fully double to the last. Finest Mixed. Pkt. 10c; 1-8 oz. 25c; ¼ oz. 45c; oz. \$1.50.

Amaranthus (A)

Foliage brilliantly ornamental, producing a striking effect in the border as a background, or as a center of beds. Of the easiest culture. Annuals height 3 feet. Finest Mixed, pkt. 5c; ¼ oz. 10c; oz. 35c.

Antirrhinum (A)

Snapdragon—They blossom the first year if seed is sown early. Slightly covered with leaves, they withstand our winters. 1½ to 2 feet tall.

Giant Flowered—Finest Mixed colors. Pkt. 10c; ¼ oz. 20c; 1 oz. 60c.

Balsams (A)

Lady Slipper. An old time favorite with brilliant double flowers. Succeeds best in good rich loam. Height two feet.

Double Camelia, Flowered, Mixed—Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 40c.

Calliopsis (A)

A quick growing annual. The flowers are placed on graceful wavy stems and in color, run through all the shades of red and yellow; foliage dainty, useful combined with other flowers. All sorts and colors mixed. Pkt. 5c; $\frac{1}{4}$ oz. 20c; oz. 35c.

Calendula (A)

A perpetual bloomer, the flowers are oriental in color and exhibit every shade of yellow from ivory to deepest orange. Makes good cut flowers. Finest Mixed. Pkt. 5c; $\frac{1}{2}$ oz. 15c; 1 oz. 25c.

Campanula (Canterbury Bells) (A)

Tuckers' Prize Mixture—An elegant mixture of all the finest classes and colors of single "Cup and Saucer" varieties; hardy biennials. Pkt. 5c; $\frac{1}{2}$ oz. 40c; oz. 75c.

Carnations (A)

These popular flowers are easily grown from the seed, they begin blooming in a few months after sowing the seed. The large double flowers are sweet scented and beautifully fringed. Marguerita. Finest Mixed, pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.

Canna (A)

Few people know these tropical plants can easily be grown from seed, and bloom the first summer, if sown before April. Pierce the seed in one spot with a file and soak in luke warm water for 24 hours before planting. Crozy Mixed, pkt. 10c; oz. 25c.

Castor Bean (A)

Each plant makes a perfect pyramid of foliage four-teen feet tall, with gigantic leaves. Ricinus Mixed, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

Chinese Woolflower (A)

Plants about two and one-half feet high, branch freely and produce large, globular, purplish crimson flowers which resemble a ball of brilliantly colored wool. Pkt. 10c; $\frac{1}{4}$ oz. 40c; oz. \$1.35.

Celosia (A)

Cockscomb. Very attractive annuals. The crested heads of flowers resemble a cock's comb. The plumed heads are like great feathers. Sow the seed directly in the garden or start early and transplant. Make fine pot plants. Comb variety. Finest Mixed colors, pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. \$1.00.

Bachelor Button (A)

Centaurea Cyanus—Very free-blooming, hardy annual, also called Blue Bottle, Ragged Sailor, etc. Single Finest Mixed. Pkt. 5c; $\frac{1}{2}$ oz. 25c; oz. 40c. Double Finest Mixed. Pkt. 5c; $\frac{1}{2}$ oz. 25c; oz. 45c.



COSMOS

**Chrysanthemum (A)**

Annual Varieties—Quite distinct from the autumn varieties. Summer blooming border plants of compact, thrifty growth, 1 to $1\frac{1}{2}$ feet high, producing large blooms 2 inches across, from July until frost. Extensively grown for cut flowers. They are partial to a little shade. Mixed Colors, pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.

Columbine

The Columbine is one of the most beautiful hardy perennials, producing graceful spurred flowers on 2-ft. stems. They are much prized for cut flower purposes, making dainty decorations. They are one of the most important of our early hardy flowers and should be grown in quantity, being easy to establish and thriving in almost any situation, best if sheltered but exposed to full sun.

Single Finest Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Double Finest Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 45c.

Cosmos (A)

Giant Flowered Fancy Cosmos—These gigantic flowers measure from $4\frac{1}{2}$ to 5 inches across, petals fringed, pink toothed and plain, and in colors from pure white through shades of pink and red, to rich dark red. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.

Dwarf Early-Flowering — Coming into flower in July, continuing until frost. Dwarf, compact growth—4 feet. Flowers beautiful and large; petals broad, profuse bloomer. Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 35c.

Coleus (P)

Leaves are of many shades of color, and have a rich velvety appearance of extraordinary beauty. No lawn should be without these decorative plants. Tender perennials. Fine Hybrids, Mixed Extra Choice, pkt. 10c; 1-8 oz. \$1.00.

FINE DAHLIA SEED (A)

A favorite for autumn flowering. Seed may be sown in spring, in open ground after danger of frost is over, but for best results, sow in shallow pans at any time in March, and transplant the seedlings to small pots. When strong enough and danger from frost is over plant out three feet apart.

Double Dahlias

Extra fine mixed, many fine varieties. Pkt. 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.75.

Single Giant Perfection

This strain is a decided advance on the ordinary singles. The plants produce in great abundance flowers of immense size, averaging 6 inches across of the most bewildering variety of coloring. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 35c.

Double Cactus Flower Mixed

With twisted and curled petals. Pkt. 15c; $\frac{1}{4}$ oz. 50c; oz. \$1.50. See also Dahlia Bulbs.

DAISIES**Giant Double Daisies (Bellis Perennis) (P)**

A charming little plant for pots, edgings and borders. Sow seeds very early and plants will bloom first season and continue to bloom each season if given some protection during winter. They do best in a rich soil and quite cool situation. Especially desirable for cemetery decorations. Pkt. 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.75.

Shasta Daisy (P)

Perfectly hardy perennials, bearing flowers 4 inches in diameter. Blooms for months and more freely each season; flowers remain fresh for two weeks after cutting. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 75c.



DIANTHUS

Escholtzia (A)

California Poppy—A bright free-flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers in pure shades of yellow, orange and crimson are produced from early spring until frost. Sow the seed where the plants are to remain. Pkt. 5c; ½ oz. 25c; oz. 45c.

Everlastings (A)

Everlastings have become popular again; winter bouquets of your own growing make an attractive present for a friend, besides supplying during the long, cold winter, when flowers are scarce, a bit of brightness for your own home. The drying is a simple operation. Cut before fully expanded, bunch like sweet peas and hang on a line in a warm, dark, dry room. They will dry thoroughly in ten days. Mixed Colors. Pkt. 10c; ½ oz. 35c; oz. 60c.

Four O'Clocks (A)

(Marvel of Peru)—Large and beautiful, old-fashioned plants of erect bushy habit which produce in profusion a succession of brilliant colored tube-shaped flowers, that open all night and usually are closed before noon the next day. The flowers are red, white, yellow, or are striped and blotched in shades of these colors. Very desirable for borders, along a wire fence, or as the back ground of a flower garden, blooming during the late summer and autumn. Finest Mixed colors, Pkt. 5c; ½ oz. 15c; oz. 25c.

Gaillardia (A)

They will produce from early spring until late fall a continuous profusion of brilliantly colored flowers, red and yellow predominating. Of easy culture, sow where they are to remain. Double Perfection. Mixed pkt. 5c; ¼ oz. 25c; oz. 75c.

Geraniums (P)

These grow readily from seed the first year and produce blooming plants the first summer. There is a great deal of pleasure in watching them develop from seed. Zonal Varieties—Saved from the choicest collections. Pkt. 10c; ¼ oz. 40c; oz. \$1.50.

Globe Amaranth (A)

Fine everlastings, bearing hundreds of clover shaped flowers which if cut when ripe and hung heads downward to dry, will retain their beauty throughout the winter. Mixed Colors, pkt. 5c; ¼ oz. 15c.

Larkspur (A)

Double Tall Rocket. Mixed. Produce beautiful spikes of double flowers in many shades. Hardy annual; one foot high. Pkt. 5c; ½ oz. 20c; oz. 35c.

Lantana (P)

Popular, free-blooming and very rapid-growing plants with flower heads of various colors, which are continually changing; emit a powerful aromatic perfume, plants are completely loaded with blossoms, succeeded by berries, when ripe, turn deep blue. Start seeds in the house or hot-bed. Tender perennial, 1½ feet. Finest mixed, pkt. 5c; ½ oz. 25c; oz. 45c.

Dianthus or Pinks (A)

This elegant family contains many of the most valuable and popular flowers in cultivation. All the sorts classed as annuals may be sown directly in the garden as soon as danger from frost is past, and will in a short time become a mass of bloom, and so remain all summer. Elegant as cut flowers for bouquets, as the stems are good. Grow about 1 foot high and are of easiest culture.

Hardy Garden or Clove Pinks (P)

This splendid class of hardy perennial Pinks should be in all gardens. They have the delightful clove fragrance. Pkt. 10c; ¼ oz. 20c; oz. 35c.

Double China Mixed (A)

White and dark crimson selves, also white tipped light purple and shades of red with darker blotchings. A mixture of double pinks unsurpassed in variety of brilliant coloring and markings. Pkt. 5c; ¼ oz. 15c; oz. 50c.

Heddewigi (Single Imperial Pink) (A)

Charming varieties of these popular pinks. Our mixture includes a great number of colors. Pkt. 5c; ¼ oz. 20c; oz. 75c.

Heddewigi (Double Japan Pink) (A)

Flowers very large; perfectly double; many elegant colors and shades, from delicate rose to richest crimson. Pkt. 10c; ¼ oz. 20c; oz. 65c.

Gypsophila (A)

Baby's Breath—Graceful plants of light fairy-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases.

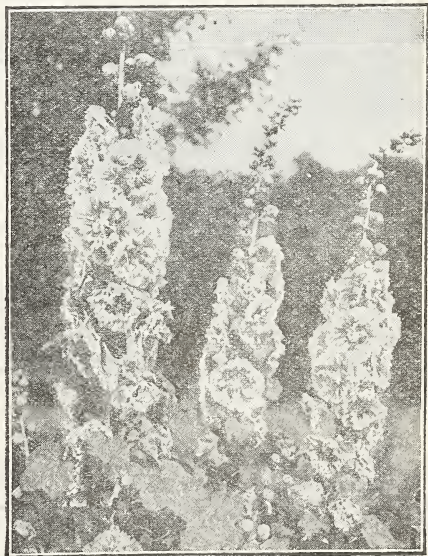
Elegans Grandiflora Alba—This is an improved large-flowering, pure white, of free, easy growth. Several sowings should be made during the season to keep up a supply. Pkt. 10c; ½ oz. 25c; oz. 45c.

Heliotrope (A)

Delicious fragrant flowers of rich purple blue. The flowers and leaves have a mossy effect. Bloom from seed the first summer, if sown early in the spring. Excellent for cutting and splendid for bedding. Fine mixed, pkt. 5c; ¼ oz. 45c; oz. \$1.50.

Hollyhocks (P)

Entirely different and more beautiful than the plant of 20 years ago, being much more compact in growth the flowers larger, more richly colored and the double varieties of better form. For a background to a flower garden, nothing is better. Hardy perennial, 5 feet high. Double fine mixed. Pkt. 10c; ¼ oz. 30c; oz. \$1.00.



HOLLYHOCKS



KOCHIA

Mignonette (A)

Without Mignonette in our gardens, something indeed would be missing. Its large, deliciously fragrant spikes of bloom are everyone's admiration. Make successive sowing in the garden, continuous bloom until frost; and if the plants are thinned out to six inches apart and the tops pinched off when about two inches high, stronger plants, with larger spikes of elegant bloom, will be the result. Height, one to two feet. Finest mixed colors, pkt. 10c; ½ oz. 20c; oz. 35c.

Kochia (A)

The New Giant (Summer Cypress, Burning Bush), 2½ feet. This beautiful annual bush has rapidly come into prominence. It grows 2 to 2½ feet high and resembles a close-clipped ornamental evergreen. The globe-shaped or pyramidal bushes are close and compact and of a pleasing light green color. The plant may be grown singly or in the form of a hedge or background. In early Autumn the whole bush becomes carmine or blood-red, hence the name of Mexican Fire Plant, Burning Bush, etc. Flowers small and numerous, but not conspicuous. The beauty of the plant is in its shape and color. Pkt. 5c; ½ oz. 15c; oz. 25c.

Lobelia (A)

Elegant little plant of easy culture, completely covered with flowers from June until September.

Erinus Erecti—Blue and white mixed. Pkt. 5c; ¼ oz. 40c; oz. \$1.40.

Marigolds (A)

In autumn, when many bedding and other plants are past their prime, Marigolds afford a wealth of color that is simply invaluable.

The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting; some of the varieties are elegantly striped.

SUPERB MIXTURE TALL AFRICAN

Includes the best colors and is made up from separate sorts. Pkt. 5c; ½ oz. 20c; oz. 35c.

SUPERB MIXTURE OF DWARF FRENCH

This mixture is made up of separate colors especially purchased for it. Pkt. 5c; ½ oz. 15c; oz. 50c.

Myosotis (P)

Forget-Me-Not—A favorite old-fashioned flower bearing in profusion clusters of blue blossoms.

It thrives well in the shade or open border. Hardy perennial. Pkt. 10c; ¼ oz. 35c; oz. \$1.00.

Superb Nasturtiums (A)

For the time and labor required no other annual will produce such a lavish profusion of bloom for so long a time as nasturtiums, and for brilliance and variety of color they are unexcelled. They bloom best in well drained soil; the richer the soil the fewer blooms and more leaf-growth. Dwarf Nasturtiums make fine bedding and border plants; the tall sorts are better adapted for covering trellises, unsightly places, etc.

Tuckers' Splendid Dwarf Mixture

This is our best mixture of dwarf varieties. It is composed exclusively of the most elegant large flowered sorts and the brilliantly colored flowers range through every shade and tint known in this favorite annual. This seed will produce a bed or border gorgeous beyond description. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.25.

Tuckers' Superb Tall Mixture

Wonderful diversity of rich colors and new and striking combinations are found in this unequalled mixture. A row in full bloom is beyond description, containing shades of yellow, rose, scarlet, orange, lemon, bronze, maroon, ruby, cream and pink, both in solid colors and mottled and striped in many shadowy and exquisite ways. For many years this mixture of Nasturtiums has been our special pride. Every year we have improved it, until now we unhesitatingly offer our new Giant-Flowering Nasturtiums as absolutely the finest. Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. \$1.25.

Nicotiana (Sweet Scented Tobacco)

One of the easiest annuals to raise and one of the most effective. The blossoms in shape are not unlike a Petunia blossom, but with a longer tube. The flowers open toward evening and emit a powerful perfume. Most showy and a very profuse bloomer giving a continuous display of fine flowers through summer and autumn. Mixed colors. Pkt. 10c; ¼ oz. 15c; oz. 35c.

Wild Flower Garden, or Children's Garden

Especially adapted for producing a display in large borders or sowing along woodland walks, for hiding unsightly fences, stumps, etc. Nothing in the way of flowers delights children more than this **WILD GARDEN**, chiefly because they can be allowed to pick their own bouquets without stint; sow in drills, 2 feet apart, or even broadcast. Cover lightly and keep the soil from drying out until started. Finest Mixed, large pkt. 10c; ½ oz. 15c; oz. 25c.



NASTURTIUMS



PANSIES

To have a bed of pansies one must start the seed in the house in early spring and transplant when danger of frost is over, or else plant in fall in cold frame and winter over. Seeds may also be sown in spring out of doors for late summer and fall flowering. They like a cold, moist situation.

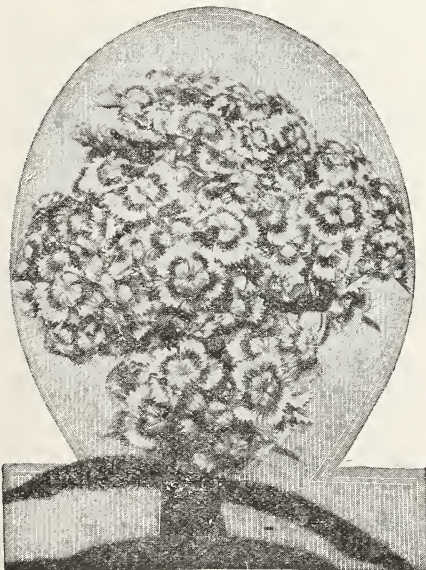
Pansies are produced in an almost infinite variety of colors and markings. Their brilliancy of shading, extended season of blooming and long keeping characteristics make them general favorites. The strains now offered are far superior to the old sorts.

Tuckers' Mammoth Flowered Mixture (A)

In this magnificent mixture of mammoth flowering Pansies, the blossoms are borne on long stems well above the foliage and are distinguished for their gorgeous and varied colorings and beautiful markings, of fine substance, velvety texture, perfect form and giant size, frequently measuring 3 inches in diameter. The colorings are wonderfully rich and varied; every shade and tint of rose, canary-yellow, black, white, cream, lavender, garnet, sky-blue and orange are produced in endless variation. An unequalled collection of all the finest types. The best, handsomest, and most perfect giant-flowering varieties. Pkt. 10c; 3 pkts. 25c; $\frac{1}{8}$ oz. 75c; $\frac{1}{2}$ oz. \$2.50.

Liberty Pansies

The Liberty Pansies are noted for their most endless variations, which include striped, blotched, bordered, veined and marble combinations, in every possible color and shade. The plants are of compact growth, and flower most profusely and continuously all summer. Pkt. 5c; $\frac{1}{8}$ oz. 40c; $\frac{1}{2}$ oz. \$1.50.



PHLOX

Petunias (A)

Petunias are unsurpassed for massing in beds. They are also used along walks and drive-ways and are often grown in window boxes. Their richness of color, duration of bloom and easy culture will always make them popular. They endure drought exceptionally well. The seed we offer is the result of excellent strain and can be depended upon to give a profusion of lovely flowers.

Finest Single Mixed Colors. Pkt. 5c; $\frac{1}{4}$ oz. 25c; oz. 75c.

Double Finest Mixed. Pkt. 25c.

Rosy Morn. Brilliant Rose color with white throats. Pkt. 10c; 1-8 oz. 50c.



PETUNIAS

Phlox (A)

Unequalled in the magnificent display of their many and brilliantly colored flowers. The plants are hardy bushlike annuals with many broad, flat-topped clusters of nearly round and star-shaped flowers. They are of easiest culture and bloom profusely through a long season. Especially attractive in masses or ribbon beds of contrasted colors; useful as window-garden plants and very desirable for combining in mixed bouquets. **Grandiflora Finest Mixed Colors,** pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. \$1.10.

POPPIES (A)

Poppies are noted for their satiny flowers of silk-like texture. In many brilliant color combinations. The foliage is delicate and the blossoms are airy poised on slender stems. If the flowers are gathered early in the morning when the dew is on them, they will remain fresh in water all day. Plant the seed in succession two weeks apart for a continuous bloom all summer.

Shirley

Flowers exceedingly graceful and elegant; single colors ranging from blush, white, delicate pink, rose, carmine, to bright, sparkling crimson, occasionally with white. The best and most showy of all single poppies. Finest Mixed, pkt. 5c; ½ oz. 15c; oz. 25c.

Carnation Flowered Mixture of Double Poppies

Large sized flowers of all shades, many striped. The Opium Poppy. Pkt. 5c; ¼ oz. 20c; oz. 60c.

Flanders Poppy

This is the Fine Single Scarlet Poppy that has gained such a hold on our hearts from its association with the past world's war. It is one of the most beautiful of all the poppies. Pkt. 10c; ¼ oz. 20c; oz. 65c.

Orientele (Oriental Poppy)

For gorgeous coloring the Oriental Poppies have few rivals among hardy plants. They produce magnificent effect in shrubberies and herbaceous borders, while for cutting they are invaluable. Scarlet—Pkt. 10c, ¼ oz. 25c.

Portulaca (A)

Rose Moss—This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Easily transplanted. In sowing mix the seed with dry sand to insure an even distribution. Sow in May when the ground is thoroughly warmed through.

Single fine mixed, pkt. 10c; ¼ oz. 25c; oz. 75c.

Double fine mixed, pkt. 10c; ¼ oz. 60c; oz. \$2.00.

Pyrethrum Roseum (Painted Daisy) (A)

One of the most valuable of our early summer flowers. Charming color, and wonderful lasting properties as a cut flower; flowers in May and June, and frequently in August and September; in all shades of rose and pink. Single Mixed, Pkt. 10c; ¼ oz. 25c; oz. 75c.

Salvia (A)

Very ornamental plants, for Summer and Autumn flowering, bloom in spikes, and continuing to bloom in the open ground until hard frosts, forming compact bushes, which are literally ablaze with brilliant flowers. The plants may be started in a box in the house or in the hot-bed, and when the weather becomes warm transplant in the garden. Height 2 to 3 feet. May be used as a hedge with striking effect.

Splendens Grandiflora (Scarlet Sage)—Gorgeous plants, numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. Continues to flower profusely all Summer and Fall. Of easy growth. The most popular Salvia in cultivation. Pkt. 10c; 3 pkts. 25c; 1-8 oz. 40c; ¼ oz. 70c; oz. \$2.00.



SWEET WILLIAM

Statice (A)

Annual Statice is not only a beautiful flower in the border, but dries retaining its true colors, which are rare among everlasting, and have come to be indispensable in making winter bouquets. Finest Mixed. Pkt. 10c; 1-8 oz. 25c.

Sweet William (P)

A splendid old-fashioned plant, producing its large heads of beautifully colored sweet-scented flowers in great abundance. It is hardy, easily grown and flowers the second year from seed.

Double Fine Mixed, pkt. 5c; ¼ oz. 25c; oz. 75c.

Single Fine Mixed, pkt. 5c; ¼ oz. 15c; oz. 50c.

Giant Zinnias (A)

Few garden annuals are more thoroughly satisfactory than Zinnias, particularly since in recent years greatly improved, larger flowering and more brilliantly colored strains have been developed. For bedding, for borders and for cut flowers they furnish a wealth of blooms from early summer till late in the fall. Plant early in rows 1½ to 2 feet apart and cover the seeds about one-fourth inch deep; or start indoors and transplant outside when the ground is warm. Hardy annual.

Extra fine mixed, pkt. 10c; ½ oz. 45c; oz. 75c.

Dahlia Flowered Zinnia

This latest development in Zinnias is a close rival of the dahlia. The blooms are often more than 5 inches across, 3 to 4 inches deep, the broad petals piled one upon the other, giving the flower the general appearance of a fine dahlia. The colors comprise all the usual zinnia colors as well as many unusual shades such as old rose, salmon, cerise, strawberry-red, etc. We offer a splendid mixture of all colors. Pkt. 15c; ¼ oz. 40c; ½ oz. 70c.

Verbenas (P)

Very few plants will make such a gorgeous display during the summer months as the Verbenas, or furnish more flowers for cutting. Start seed in the house or under glass early in the spring and transplant after 3 or 4 inches of growth. Good healthy plants can be produced from seed as readily as almost any tender annual. They flower in July and continue strong and healthy until destroyed by frosts.

Mammoth Mixed—A carefully selected and fine strain of Verbenas. The trusses and individual flowers are of the largest size, of brilliant colors, free blooming and of vigorous habit. Pkt. 10c; ¼ oz. 25c; oz. 85c.

Vinca Rosea (Periwinkle)

Ornamental free blooming plants, with dark laurel like foliage and handsome pink and white flowers. Seed should be sown early and then the plants will bloom the first summer. They can be taken up in the fall like Chrysanthemums, potted and kept in bloom through the winter. Seed germinates slowly. Vinca Rosea Mixed. Pkt. 10c; ¼ oz. 35c; oz. \$1.10.



Tuckers' Magnificent Sweet Peas

Sow as early in the spring as the ground can be worked. Do not wait for fair weather. Sow the seeds in a trench 4 in. deep and cover about an inch of soil. Furnish support early. After the plants are well up, thin them to about 4 inches apart and gradually fill the trench to the level of the garden. When hoeing draw the soil towards the plants, but do not form a ridge. One quarter pound of seed will sow 50 feet.

Tuckers' Superb Mixed Spencer

This special mixture of Giant Spencer Sweet Pea is made from separate sorts, giving our customers the cream of the Spencers in all colors, including many of the latest varieties, as well as superb seedlings of exquisite colors and shades, which have not as yet been true enough to be introduced as new named sorts. The vigorous plants produce extremely large flowers, most beautifully waved and frilled, on long and erect stems. An especially attractive mixture. Postpaid, pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

Tucker's Rainbow Mixture

The grandest mixture of Sweet Peas ever offered. In this mixture of Sweet Peas you will find many of the newest and most rare of the Spencer varieties as well as the best of the Grandiflora types. In all there are more than fifty varieties, colors and shades of colors. Some are edged mottled, blended, flaked and striped. Postpaid, pkts. 5c and 10c; oz. 15c; ¼ lb. 45c; lb. \$1.50.

Perennial Sweet Peas

The Perennial or Everlasting Pea is one of the best of the hardy climbing plants. It produces large flowers in clusters, which are not, however fragrant like the Sweet Pea, and remains in bloom for a long time. Once established will remain for years without replanting. It does well in shady and in most places where other climbers would not thrive. Perfectly hardy. Grows from 5 to 8 feet in height. Mixed colors, pkt. 10c; oz. 50c; ¼ lb. \$1.75.

CLIMBING VINES

Morning Glories

Giant Japanese Mixed—(Imperial). The flowers of this variety are of largest size often 3 inches or more across; some are brilliant red or rich blue, others are equally brilliant, with broad margins of clear white; some are striped or dotted with blue or red on white or lemon yellow ground, others are clouded with blue and red. Pkt. 5c; ¼ oz. 10c; oz. 30c.

Moon Flower

(Ipomoea Grandiflora). One of the most vigorous summer climbers and will grow under favorable conditions 30 to 40 feet in a single season and be covered evenings and cloudy days with very large, white trumpet-shaped flowers widely extended, often 4 inches across. Leaves large, frequently 4 to 5 inches across. Tender annual. White Flowers—Pkt. 10c; oz. 40c; ¼ lb. \$1.25.

Madeira Vine

Dormant Bulbs.—A rapid growing climber with beautiful waxy foliage and graceful clusters of flowers of pure white color and delicate fragrance. Very ornamental and useful for shading verandas, arbors, or covering unsightly sheds, stumps, etc. Postpaid, each, 5c; 6 for 25c; 40c per dozen.

Cypress Vine

This is a beautiful, rapidly growing annual climber, with delicate dark green finely cut fern-like foliage and masses of the most brilliant and graceful star-shaped flowers. The two shades, white and scarlet are very striking. Planted by the side of a veranda, tree or stake, and trained properly, nothing is prettier. Pkt. 5c; oz. 30c; ¼ lb. \$1.00.

Wild Cucumber

This is the quickest growing climber in our list. It will grow 30 feet in one season. It is thickly dotted with pretty white fragrant flowers, followed by an abundance of ornamental prickly seed pods. Pkt. 5c; oz. 15c; ¼ lb. 50c.

Scarlet Runner Beans

A rapid growing annual climber, bearing sprays of brilliant scarlet pea shaped blossoms. Seed may be planted out of doors as soon as danger of frost is past. Vines 10 to 12 feet high. Packet 5c; oz. 10c; ¼ lb. 25c.

Dolichos

Hyacinth Bean—A splendid annual climber with hyacinth-like clusters of purple and white flowers, which are followed by exceedingly ornamental seed pods. Packet 5c; oz. 10c; ¼ lb. 35c.

Gourds

Hercules Club—Grows three feet long.

Sugar Trough—Often used for buckets.

Dish Cloth or Chinese Sponge—(Luffa).

Nest Egg—Excellent for nest eggs.

Dipper Gourd—Used for dippers.

All sorts—Mixed.

Mock Orange—Yellow color.

Ornamental Pomegranate—Has delightful perfume.

Large pkt. of any gourds, 5c; oz. 30c.

Job's Tears

Hardy Annual Grass—An ornamental grass, with broad, corn-like leaves and hard shining seeds of peculiar appearance, giving the plant its name. Two feet. Pkt. 5c; oz. 15c.

Balsam Vine

Ornamental climbers, with pretty foliage and flowers followed by handsome fruit, which when ripe burst open exposing the bright red seeds within.

Balsam Apple—Pkt. 5c; oz. 45c.

Balsam Pear—Pkt. 5c; oz. 40c.

Cobaea Scandens

A fine annual climber, often growing 15 to 23 feet in a season. Has handsome foliage and large bell-shaped flowers of a beautiful deep violet-blue. Pkt. 5c; ¼ oz. 30c; oz. 50c.

MAGNIFICENT CANNAS



The President—4 feet. The President leads the red varieties in the quality of its bloom. The flowers are 7 inches across; the individual petals are firm and long standing, and do not burn, and the trusses stand up stiff on strong stems. The foliage is rich green and burn-proof in the hottest weather. Postpaid, each, 15c; 6 for 70c; dozen, \$1.25.

Hungaria—3½ ft. Trusses of enormous size borne well above its foliage; flowers very large with broad petals; color lovely delicate shade of pink; wonderfully free in bloom. Postpaid, each 15c; 6 for 70c; dozen \$1.25.

Florence Vaughan—Green Leaf, 5 feet. The most famous of all Cannas. The flowers are of rich golden yellow, thickly dotted with bright golden red. Postpaid, each 10c; 6 for 50c; dozen 90c.

Eureka—3½ feet. The best white Canna. The Eureka Canna will class among the very best and its white color adds much to its effect in connection with other varieties. Postpaid, each 15c; 6 for 75c; doz. \$1.25.

Firebird—Green Leaf—3½ ft. The flowers are borne in immense trusses, on tall stalks well above the leaves. They are of splendid form: round and shapely. The color is a clear glistening scarlet without any streaks, spots or blotches. Postpaid, each, 15c; 6 75c; dozen \$1.25.

King Humbert—4 feet. Massive foliage of finest bronze, with dark midrib. Its flowers measure 6 inches in diameter and are produced in great trusses. Brilliant orange-scarlet, with bright red markings. Postpaid, each 15c; 6 for 60c; dozen \$1.10.

Yellow King Humbert—5 ft. Green leaf, foliage a very dark green, with flowers measuring 5 to 7 inches across; individual petals measuring 3 to 3½ inches in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red. Postpaid, each 15c; 6 for 75c; dozen \$1.25.

Shenandoah—3½ ft. The foliage is rich ruby-red, veined and tinted bronze. It bears fine large trusses of beautiful waxy rose-pink flowers. Postpaid 15c each; 6 for 60c; dozen \$1.00.

Wintzer's Colossal—5 ft. Green foliage. Without a doubt the largest-flowered Canna yet produced. Flowers of vivid scarlet, sometimes measuring eight inches across. Postpaid, 15c each; 6 for 70c; dozen, \$1.25.

Fiery Cross—4 ft. The most gorgeous Giant Red Canna ever offered. The flower heads are 15 to 18 inches in length and carry from 15 to 20 open flowers of a vivid scarlet. The foliage is a beautiful lustrous blue green. Flowers continuously from the latter part of June until frost. Postpaid, each 15c; 6 for 75c; dozeo for \$1.25.

Ornamental Cannas—Tall Red Leaf Varieties—Suitable for hedges, centers of flower beds or screens. Flowers red. Each, postpaid 10c; 6 for 45c; doz. 75c.

THE FINEST GLADIOLUS

OUR BULBS ARE EXTRA FINE
QUALITY SURE TO BLOOM

WRITE FOR PRICES IN LARGER QUANTITIES

America—Color soft lavender-pink, tinted flesh-pink. More flowers are open at one time on the symmetrical spike of this Gladiolus than on any other we know. The standard commercial pink. Postpaid each, 5c; dozen 50c; 25 for 90c; 100 for \$3.25.

Flora—Beautiful Canary Yellow, almost clear, considered the best yellow. Postpaid, each 5c; doz. 50c; 25 for 90c; 100 for \$3.25.

Halley—A most attractive early blooming sort, with large, well-opened flowers of delicate salmon-pink; flowers well placed on long graceful spikes, a beautiful variety. Postpaid, each, 6c; dozen 60c; 25 for \$1.00; 100 for \$3.50.

Mrs. Frank Pendleton—The new sensational beauty winner of awards and prizes everywhere. The petals show beautiful bright rose-pink on a pure white ground, contrasting in a most striking way with the deep rich velvety blood-red blotch on the lower petals. No grander variety in existence. Postpaid, each 6c; dozen 60c; 25 for \$1.00; 100 for \$3.50.

Mrs. Frances King—A most beautiful "Besnard" shade of flame pink. Flowers of giant size on a spike growing four feet high from eighteen to twenty flowers, six to eight open at one time. Postpaid, each, 7c; dozen 70c; 25 for \$1.25.

Lilly White—An extra fine pure white variety. Postpaid. Each 6c; doz. 60c; 25 for \$1.00; 100 for \$3.50.

War—Deep blood-red shaded crimson-black; very tall and conspicuous. The best Gladiolus of this beautiful shade of red. Postpaid, each 7c; dozen, 75c; 25 for \$1.25; 100 for \$4.50.

Nora—Light Violet Blue. Fine open flower. A magnificent variety. Postpaid, each 6c; doz. 60c; 25 for \$1.00; 100 for \$3.50.

Le Marechal Foch—Very delicate pink with enormous wide open flowers very early; a good grower and heavy propagator. Postpaid, each 6c; dozen 60c; 25 for \$1.00; 100 for \$3.75.

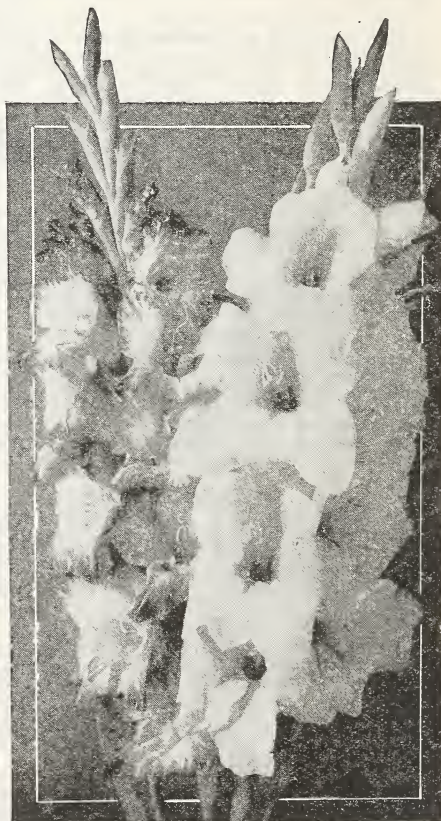
Schwaben—The strongest growing and largest flower of all the yellow Gladioli. A clear citron-yellow with Aster-purple tongue on lower petals. Buds sulphur-yellow. Postpaid, each, 6c; dozen, 60c; 25 for \$1.15; 100 for \$4.00.

Fancy Mixed—Superb flowers, embracing a wide range of colors from delicate shades of pink and primrose to deepest crimson and maroon, also striped and variegated. Postpaid, each 5c; 50c per dozen; 50 for \$2.00; 100 for \$3.75.

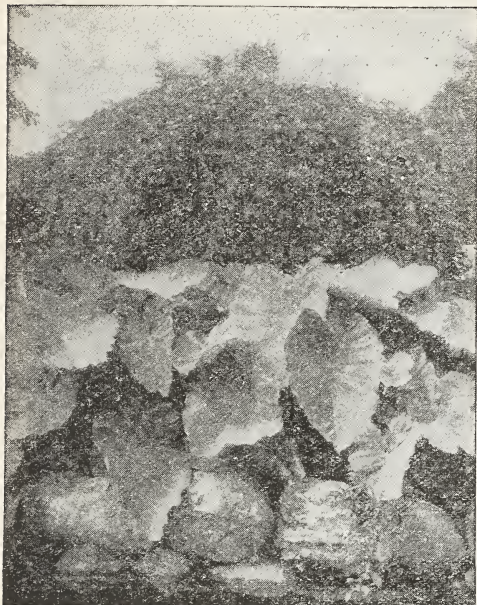
Tuberose

Delightfully fragrant; fine for bouquets. Plant when the ground gets warm or start in pots or in hot beds and set outside in May. Give plenty of water.

Excelsior Pearl—This sort is distinguished by its short robust stem completely covered by large blossoms fully twice the size of the old tuberose and quite double. The flowers are very fragrant and of the purest waxy white color. Large selected bulbs. Postpaid, each 10c; 6 for 30c; 50c per dozen; 50 for \$1.75.



Caladium, or Elephants Ear



Bulbs may be planted out-doors as soon as danger of frost is over, covering about three inches deep. But little water must be given to the roots till active growth commences when, as the plants develop, they require an abundance.

Mammoth Size Bulbs—11 to 12 inches, postpaid, 40c; 3 for \$1.00; dozen \$3.50.

First Size Bulbs—nine inches and over in circumference. Postpaid, each 25c; 3 for 60c; dozen \$2.00.

Second Size Bulbs—Seven to 9 inches in circumference. Postpaid, each 20c; 3 for 50c; dozen \$1.75.

DAHLIAS

Show and Decorative Dahlias

The "Show" Dahlias are of ball shape with full, round, regular forms and cupped or quilled of solid color. The Decorative Dahlias are very similar to the "Show."

Price of all Show Dahlias. Your Selection of Varieties. Postpaid, each 25c; 6 for \$1.25; dozen, \$2.25.

W. W. Rawson—Show—Very large with semi-quilled petals; long upright stems; color white, delicately flushed and suffused lilac.

A. D. Livoni—Show—A beautiful soft pink flower with quilled petals.

Jack Rose—Decorative—Bright carmine-red overlaid violet, resembling the color of the rose of the same name. A splendid variety for decorative use in the garden.

Crimson Beauty—Show—An extra fine Crimson Dahlia. Profuse bloomer.

Arena, Spillman—Decorative. Deep lavender, early large blooms.

Delighted—Show—Fine white tall, good bloomer.

D. M. Moore—Decorative—Dark Maroon. Fine flower, profuse bloomer.

Firebird—Decorative—Bright Red. Early.

Ish May—Decorative—Lavender. Tall. Good stems, good bloomer.

Fairy Gold—Decorative—Golden yellow, tall, profuse bloomer.

Mina Bangle — Decorative — Bright scarlet, a fine Dahlia.

Souvenir De Gustave Doazon—Decorative—This is the largest of all Dahlias. A lovely shade of orange-red. A veritable giant among flowers.

Sylvia—Show—Soft pink with light center. Long stiff stems. A profuse bloomer, fine for cutting.

Cuban Giant—Show—Flowers of great size, measuring six inches across. Color dark, glowing crimson, shaded maroon. Magnificent.

Queen Victoria—Show—Pure Canary yellow, one of the freest bloomers. Good for cutting.

Dorothy Peacock—Show—The most exquisitely beautiful bright sea shell pink Dahlia on earth.

Vivian—Show—A great favorite, color being white, effectively edged rose-violet.

Cactus Dahlias

The Cactus form of Dahlias are exceedingly beautiful, and are hard to excel. They have long twisted petals and embrace nearly all the colors and shades to be found in any of the other types.

Price of all Cactus Dahlias, Your Selection of Varieties, Postpaid each, 25c; 6 for \$1.40; dozen, \$2.75.

Countess of Lonsdale—For perfection of bloom, erectness of stem, abundance of flower, this variety has never yet been equalled. The color is a rich salmon-pink, tinted apricot.

Springfield—Springfield is a rich amaranthine-red. No one can describe its color as it is an entirely new break in colors for Dahlias. No Dahlia blooms freer. No Dahlia is as pretty as Springfield.

Kriemhilde—A magnificent variety bearing perfect flowers of fresh delicate pink shading to deep rose pink.

Prince of Yellow—One of the best canary-yellows. A magnificent Dahlia.

Queen of Hearts—(New). The best white Cactus ever introduced. Pure white, shading to lemon-yellow at base of the petals; very free bloomer.

Charles Clayton—It is the ideal in color, form, length of stem and general good habits. The color is most intense crimson, so vivid as to dazzle the eye; superb.

ASSORTED DAHLIAS

This assortment includes many of the varieties described as well as a great many other sorts. For the person who is not particular about named sorts this mixture will more than please you, with the great variety of colors it contains. Postpaid, ½ dozen \$1.00, dozen \$1.75.



FALL PLANTING BULBS

For delivery from September 20th on during the fall months.

Our fall bulbs are the best quality that money and brains can produce. We import them direct from Holland and buy only the largest and best quality that can be had.

Hyacinths

Indoor Culture—Bulbs intended for blooming during the winter can be planted in pots or pans and then placed in a cool cellar or room, at a temperature of 50°. They will need moderate watering. The whole success of pot culture depends upon getting the roots well established in the pots, at a low temperature of say 40 or 50 degrees, before you begin to force the tops at 60 degrees or over. After this the bloom is easily developed by giving light and water; and one can have a supply of flowers from Christmas until after Easter by regulating the time of bringing them to the light.

Outdoor Culture—Apply well rotted cow or sheep manure or bone meal; fresh manure is injurious to bulbs. The soil should be well drained. In planting, the bulbs should be placed from an inch to four inches below the surface, according to the size of the bulb. Cover the bulbs with soil one and one-half times their own depth. When the ground freezes the bed should be covered with three or four inches of leaves or litter, to be removed in early Spring. Too early and heavy covering starts the tops prematurely.

HYACINTHS TO COLOR

All large first size bulbs sure to bloom.

Bright Red—Postpaid.....	Each 15c; 6 for 85c; dozen \$1.65
Bright Pink—Postpaid.....	Each 15c; 6 for 85c; dozen \$1.65
Blue — Postpaid.....	Each 15c; 6 for 85c; dozen \$1.65
White—Postpaid.....	Each 15c; 6 for 85c; dozen \$1.65
Fine Mixed, all colors—P. P.....	Each 14c; 6 for 80c; dozen \$1.55

Superfine Tulips

There are no bulbs which make such a rich and gorgeous display of blossoms with so little care and cultivation as do Tulips. Their early blooming, pretty cup-like flowers, gay colors, and brilliant effect make them spring favorites. They can be cultivated very easily, only requiring good, common garden soil to grow them to perfection. Set out any time after September 1st, till ground freezes too hard, 4 inches deep, 4 inches apart. After being once started Tulips will continue to bloom every spring without further attention.

GIANT DARWIN TULIPS

THE MOST BEAUTIFUL OF ALL THE MAY FLOWERING TULIPS

They are quite distinct in their style of growth from the other late-flowering sorts; stately in appearance, attaining a height of 14 to 22 inches, and bearing, on long, straight stems, beautiful globular flowers of remarkable heavy texture. Their range of color is immense, embracing almost every conceivable tint in rich and rare shades.

Darwin Tulips are most valuable for permanent planting. For the borders among other hardy flowers; in formal gardens for isolated groupings against a background of shrubs, or for combinations of delicate colors for effects of contrast in the flower garden, the Darwins stand without peer.

The following named varieties have proven the best and most satisfactory for this section:



Hyacinths

CLARA BUTT—Delicate salmon pink. One of the most popular; good bedder, adapted also to forcing. Postpaid, each, 6c; dozen 60c; 50 for \$1.50; 100, \$2.75.

FARNCOMBE SANDERS—Fiery rose scarlet, inside vivid cerise scarlet with white center marked blue. Large broad petaled flower of perfect shape; one of the finest sorts, if not the finest of all the red and salmon colored varieties. Splendid forcer. Postpaid, each 6c; doz. 60c; 50 for \$1.65; 100 for \$3.20.

PROFESSOR RAUWENHOFF—Full cherry-rose, with ivory-white and blue star at base; flower of enormous size. Postpaid, each, 7c; doz. 70c; 50 for \$1.75; 100 for \$3.25.

PRINCESS ELIZABETH—Large flower, soft rich rose toning to silvery-rose at edges. Inside deep rose, white base. Postpaid, each, 6c; doz. 60c; 50 for \$1.60; 100 for \$3.00.

BARTIGON—Color carmine red. Extra large flower and a grand bloomer. Postpaid, each 7c; doz. 70c; 50 for \$2.50; 100 for \$4.50.

REV. H. EWBANK—Deep lilac, toning at the edges to pale lavender. Distinct flat open flower. Lasts well. Most popular of this shade. Postpaid, each 6c; doz. 65c; 50 for \$2.00; 100 for \$3.50.

INGLESCOMB YELLOW—Bright canary yellow, a splendid globular flower, excellent for beds, may be slightly forced. Postpaid, each, 6c; doz. 65c; 50 for \$1.65; 100 for \$3.15.

SUPERFINE MIXED GIANT DARWIN TULIPS—Our Superfine Darwin Mixed Tulips, contains all shades and colors to be found in the Darwin family. It is made up of a great many named varieties in addition to the varieties grown in the mixtures. A bed of our Superfine Mixed Darwins when in bloom makes the grandest display possible. Postpaid, doz. 45c; 50 for \$1.45; 100 for \$2.70; 500 for \$12.50.

KEIZERKROON—The Keizerkroon is considered the most beautiful of all the Single Early Tulips. It is an intense, crimson scarlet, bordered with yellow. A bed of the Keizerkroon makes the finest display imaginable. Postpaid, each, 7c; dozen, 75c; 50 for \$2.50; 100 for \$4.75.



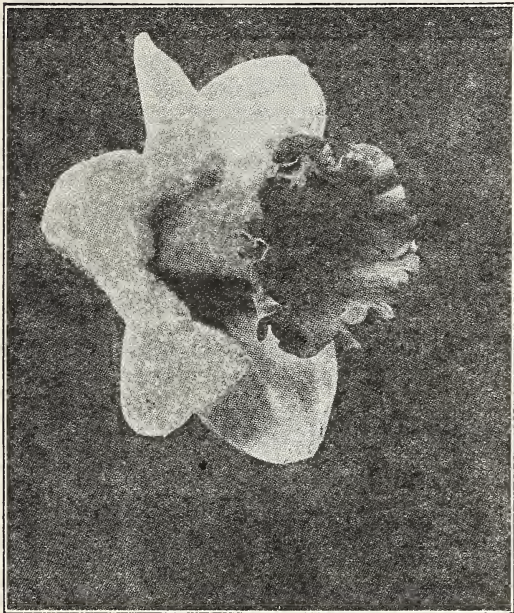
Darwin Tulips

Narcissus, Crocus and Jonquils

Among early spring flowers these are in the front rank of popularity. Appearing just after winter, they animate our gardens with masses of gold and silver, while their fragrant blossoms in the home are invaluable for decorative purposes.

CULTURE IN POTS—Treatment same as for Hyacinths in pots.

CULTURE OUT OF DOORS—All varieties of Narcissus should be grown in clumps and patches in every suitable spot and there is not a spot where grass will grow in which Narcissus will not succeed. In planting be guided by the size of the bulb, allowing 4 to 5 inches between small sorts and 6 to 8 inches between large varieties. The bulbs will soon completely fill the space, forming a compact mass and it is then their flowers are produced the most freely. Plant bulbs about 3 inches deep, according to the size of the bulb.



Chinese Sacred Lily

The bulbs are of immense size each producing 10 to 15 flower stalks and bearing a profusion of large delicately scented blooms; white, with orange cup. They can be grown in pots of earth, but are more novel and ornamental in shallow bowls of water a few pebbles or small shells being placed around the bulb to keep it from turning over when in flower. The water requires changing occasionally to keep it pure. The bulbs commence to grow in a few days, blooming in about six weeks. A dozen bulbs started at intervals will give a succession of flowers throughout winter. Our stock is the very best carefully picked and largest sized bulbs. Postpaid, each 20c; 2 for 35c; doz. \$1.75.

Narcissus

Paper-White Grandiflora

Will grow in water and produce great masses of snow white fragrant flowers a few weeks after planting. Splendid for house and church decorations. We advise all our friends to plant these lovely Winter-blooming Narcissi. No other bulbs we know of will produce such an abundance of white sweet scented flowers with so little trouble. A dozen bulbs, set in a bowl of water and held in place by pebbles will make a charming pot of flowers for house or church decoration and can be had at any time desired. Postpaid, each 7c; 4 for 25c; dozen, 75c; 50 for \$2.75; 100 for \$5.25.

Golden Emperor

One of the finest Daffodils in cultivation. Flower of richest yellow; trumpet of immense size; the petals of the perianth measuring $3\frac{1}{2}$ inches across. Postpaid, each 10c; doz. \$1.00; 50 for \$3.50.

Jonquils

Double Jonquil—Double, deep golden yellow flowers; powerful scented and good for forcing. Dozen, 60c; 50 for \$2.50.

Single Jonquil—The well-known favorite, delicately scented and beautiful for forcing. Rich yellow, very fragrant. Per doz. 60c; 50 for \$2.50.

Freesia

Feractra Alba

One of the most charming bulbs known for winter flowering and cut flowers. The blossoms are grown on long, graceful stems and are white, delicately scented and very pretty. They force very easily, and can be readily brought into bloom by Christmas if desired, and by having a dozen or more pots started in a cold frame a succession of flowers may be had throughout the winter. They grow well and bloom freely in an ordinary sitting room if placed near a window and not kept too warm. They need not be kept in the dark as other bulbs. Plant 4 to 6 bulbs in a 5-inch pot, in light, rich soil. Postpaid, each, 5c; doz. 45c; 100, \$3.50.

Crocus

Among the earliest to blossom in spring is the beautiful little flower lifting its head almost before the snow has disappeared. Absolutely hardy for outdoor culture and may be used for pot culture. Separate colors blue, white, yellow and striped. All colors mixed, doz. 30c; 50 for \$1.10; \$2.00 per 100.

Separate Colors, yellow, white, purple and striped. Postpaid, doz. 35c; 50 for \$1.35; 100 for \$2.25.

SPECIAL BULB COLLECTION

36 BULBS FOR ONLY \$1.65. Postpaid

A Superb Collection of Hardy Bulbs that will bloom and give you a world of fine flowers.

The Collection Contains:

- 4 Hyacinths, separate colors.
- 12 Superfine Mixed Darwin Tulips.
- 12 Fine Mixed Crocus.
- 4 Paper-White Narcissus.
- 4 Narcissus, Golden Emperor.

Higher Prices for Your Crop

This Amazing New Method of Plant Protection gets you Higher prices for Larger and QUICKER Crops.

Last year thousands of growers added to the value of their vine crops by using Germaco HOTKAPS—shown above. This remarkable invention consists of a scientifically constructed wax paper cone that you place over each plant. Thus they are miniature hot-houses that protect plants from FROST, wind, rain, insects and ground crusting.

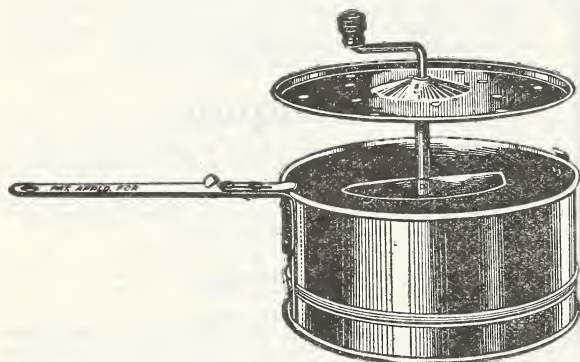
HOTKAPS not only protect plants, but make them grow hardier and faster. Thus you get a greater crop production to market earlier for higher prices!

You can add to your next year's profit with Hotkaps. They cost but a fraction over a penny each. One man can "set" 3000 Hotkaps per day. They not only bring you higher prices, but are a method of crop insurance—against the danger of the elements.

Postpaid, package of 250 Hotkaps Garden Setter, \$4.00. Not Prepaid, 1000 for \$11.50. Larger quantities, \$11.00 per 1000. Hotkaps are packed 1000 to the box. Metal Hotkap Setters, postpaid. Each, \$2.65. Special Setter. Postpaid, each, 60c.



E - Z CORN POPPER



The Popper that puts the Pop in Popcorn

The quickest, cleanest and most practical Corn Popper ever made.

A new style Corn Popper for household use that takes the hard work out of corn popping. So simple a child can operate it. Will pop corn with or without butter and is easy to keep clean; uses less heat and will not burn the corn. Will pop on gas, kerosene, wood or coal stove or electric grill. It is well made and will last a lifetime.

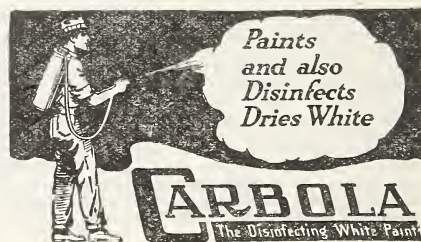
Each E-Z Corn Popper is fully guaranteed. You must be satisfied or we will return your money.

Postpaid, Each \$1.15; 2 for \$2.25.

BUYERS EXPENSE, \$1.00 each

CARBOLA

is used with most satisfactory results by thousands of poultry raisers in all parts of the country, and by many Agricultural Colleges and Experiment Stations to disinfect the incubators before the eggs are put in, for the brooders before turning in the young chicks, and to keep all poultry buildings light, clean, sweet-smelling and free from the germs of contagious disease. Carbola is a white paint and disinfectant combined, in powder form. It is ready to use just as soon as mixed with water and can be applied with a sprayer—it positively will not clog—or with a brush, to wood, brick, cement, stone, tar-paper, etc., and over whitewash. One gallon covers 200 square feet. Carbola will not blister, flake or peel. It is neither caustic nor poisonous—harmless to the smallest chick. The dry powder is unexcelled as a louse powder, and is much cheaper than other brands. Sprinkle it freely on the chicks, in the litter on the floor, in the nests and in the dust bath. Postpaid, 2 lb. package 45c; 10 lb. package, \$1.45. Buyers Expense, 2 lb. package, 35c; 10 lb. package, \$1.25.



UDDER HEALTH

Helps Make Easy Milkers



U-H is prepared especially to meet the demand for a penetrating lasting, massage ointment.

U-H stays plastic and adhesive—does not dry up—does not gum on the hair.

U-H penetrates deeply. Is an effective aid in softening and relieving Garget, Caked Udder, Hard Sore Teats and other inflammation due to external causes.

Helps prevent hard milkers when teats and quarters are massaged with U-H.

U-H used daily before calving, helps keep udders in prime condition. On Horses, useful for treating Puffs, Burns, Harness Sores, Sprains and Similar Injuries.

For Personal Uses, U-H is helpful, as an application for your chest and throat in congestion caused by grip colds. Also for surface burns, sprains, lame joints, bunions, etc.

Postpaid, half pound tube, 65c. One lb. can, \$1.10

Tuckers' Special Chick Feed

Save the chicks by feeding this completely balanced Clean Feed.

Tuckers' Special Chick Feed is a completely balanced ration composed of re-cleaned, sweet, pure, Steel Cut Oats, Cracked Wheat, Kaffir Corn, Milo Maize, Corn, Granulated Bone, Charcoal and Flax Seed. It is all Feed, No dust, dirt or trash.

It is pure and wholesome, a natural feed, contains just what the chicks need. It is perfectly balanced and should be fed dry. Compounded in correct proportions to contain the right amount of protein, fat and fibre. Our price is reasonable and you will find it economical to feed. One pound of this clean, sweet feed will go as far as two pounds of cheap, trashy feeds of the ordinary kinds. We ask you to try Tuckers' "Special" Chick Feed. Not Prepaid 50 lbs. \$1.45; 100 lbs. \$2.75. Larger quantities \$2.65 per 100 lbs. Try it and you'll buy it—always, after the first sack.

Tuckers' Special Laying Mash

Do you want maximum egg production all through the year?

Then feed Tuckers' Laying Mash, it is the feed that will do it. It will start the pullets laying early and keep them laying all winter. It is clean, pure and wholesome. Will shorten the moulting season about one-third. Good as a tonic—keeps your hens in prime condition. Use it and you will double your egg production. Tuckers' Special Laying Mash is a ground food and may be fed either dampened or dry, but it is better to feed dry.

To produce eggs in abundance, the flock must have a balanced ration consisting of a dry mash and a good scratch grain mixture, also a regular supply of green stuff. Grains alone are not a sufficient ration for laying hens.

TUCKERS'S SPECIAL LAYING MASH is a completely balanced Egg Food. It is made entirely of Clean, Pure, Wholesome Alfalfa Leaf Meal, Meat Scrap, Meat Meal, Blood Meal, Charcoal, Granulated Bone, Ground Flax Seed, Wheat Middlings, Wheat Bran, Finely Ground Corn, Ground Kaffir Corn, Milo Maize and Medical Poultry Regulator and each of these ingredients are correctly proportioned to produce eggs. It not only produces eggs, but also keeps your hens in the most healthy condition. Try it and you will always buy it after the first sack. Not Prepaid, 50 lbs. \$1.60; 100 lbs. \$3.00; 500 lbs. \$14.50.

Conkey's Buttermilk Starting Feed

THE ORIGINAL BUTTERMILK STARTING FOOD. RAISES HUSKY CHICKS.

A READY-PREPARED FEED for baby chicks and all self-feeding young fowls. Composed of buttermilk, pinhead oatmeal, a special wheat middlings, whole corn meal, corn feed meal, pure blood meal and granulated bone. Contains all elements needed for safely starting baby chicks, ducklings, goslings, poults, pheasants, quail, grouse, etc. Conkey's did not "just happen"—it is a scientifically-balanced feed as clean and wholesome and as conscientiously prepared as "infant food." Selected, pulp grains, ground to proper fineness, are combined with other ingredients so as to make the feed readily digestible, palatable and nutritious. Taste it, smell it, that's the way to judge a chick feed. Conkey's carries buttermilk in just the right proportion as an aid in prevention of bowel troubles. White Diarrhea, "leg weakness," etc. The buttermilk is fresh, concentrated buttermilk, blended with the other ingredients by the original process in such a way as to preserve the appetizing, tonic, and other properties of the newly-churned product. Postage in the 1st, 2nd 3rd zones, 2½ lb. bags, 30c; 5 lb. bags, 50c; 10 lb. bag 85c. Not Prepaid, 5 lb. bag 35c; 10 lb. bag 60c; 25 lb. bag \$1.25; 50 lb. bag \$2.40; 100 lb. bag \$4.75. Larger quantities at \$4.65 per 100 pounds.

For the First 8 Weeks

That is the critical period in the chick's life—that's when your big losses occur—that is when the profits you counted after hatching go glimmering—that is when you must have

Conkey's

The
Original



Buttermilk Starting Feed for Little Chicks



It prevents the big losses due to weakness and disease and gives your chicks the quick, snappy getaway that produces the early broilers and layers. It is made of pure sweet grain combined by a special process with concentrated sanitary Buttermilk in the original Conkey way. You can't afford to be without it.

The buttermilk is fresh, concentrated buttermilk, blended with the other ingredients by the original process in such a way as to preserve the appetizing, tonic, and other properties of the newly-churned product. Postage in the 1st, 2nd 3rd zones, 2½ lb. bags, 30c; 5 lb. bags, 50c; 10 lb. bag 85c. Not Prepaid, 5 lb. bag 35c; 10 lb. bag 60c; 25 lb. bag \$1.25; 50 lb. bag \$2.40; 100 lb. bag \$4.75. Larger quantities at \$4.65 per 100 pounds.

Barnes' Worm Emulsion

THE GREATEST POULTRY WORM DESTROYER—WRITE FOR FREE BOOKLET, "COMMON SENSE vs. WORMS."

BARNES WORM EMULSION enables the chickens to absorb by digestion and assimilation both the worms and the worm eggs, thereby retaining for themselves the nutriment which the worms have stolen in getting their growth within the intestines. This means no "tearing down period"—no decrease in either growth or egg yield—a building-up process—always.

In a nutshell, Barnes Worm Emulsion builds the general health and vitality of the birds at the same time it is destroying the worms and worm eggs, and because the worms and worm eggs are absorbed and assimilated by the digestive juices of the bird, there is no contamination of other birds as is possible by the expelling method.

If "an ounce of prevention beats a pound of cure"—a gallon can of Barnes Worm Emulsion, which contains 128 ounces of prevention against the tremendous poultry losses caused by intestinal worms, is a \$3.00 investment that will pay big dividends in poultry health, vitality and growth.

POSTPAID PRICES

Pint can, postpaid in first to third zones.....	\$0.70
Quart can, postpaid in first to third zones.....	1.15
Gallon can, postpaid in first to third zones.....	3.25

NOT PREPAID PRICES

Pint	\$0.60
Quart	1.00
Gallon	3.00
Five gallon keg	12.50

RELIABLE "STANDARD" INCUBATORS

COMPLETE RELIABLE CATALOG FREE FOR THE ASKING

WE PERSONALLY GUARANTEE EACH AND EVERY RELIABLE INCUBATOR AND HOVER THAT WE SELL.

Since 1882, when the first Reliable Incubator was put on the market, it has continued to hold first place in the esteem of practical poultry raisers in all parts of the world. The more people have investigated it and its record, the more they have been impressed with its worth. The Reliable has accomplished perfect ventilation by providing for a constant circulation of air throughout the machine (all headed to the proper temperature before entering the egg chamber), and to the rapidity of the movement of the air is due largely the success of the hatch and almost entirely the drying process of the moisture of the egg. The Standard Reliable Incubators are made of wood in hot air and hot water styles. All hot water incubators have copper tanks. The baby Grand Incubators are made of metal in hot air style only. Your money back if you are not satisfied.



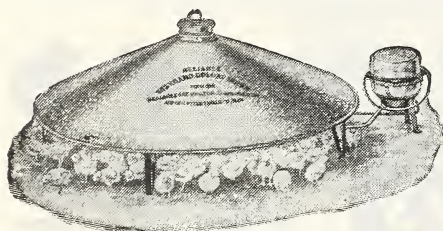
LOWER PRICES THIS YEAR

We Prepay the Freight on All Incubators and Hovers

50 Egg, Hot Air Baby Grand.....	\$6.00	No. 55, 350 Egg, Hot Air	\$40.80
No. 49A, 100 Egg, Hot Air	18.00	No. 56, 350 Egg, Hot Water	50.40
No. 50A, 100 Egg, Hot Water	22.40	No. 57, 450 Egg, Hot Air	50.40
No. 51, 140 Egg, Hot Air	24.80	No. 58, 450 Egg, Hot Water	63.20
No. 52, 140 Egg, Hot Water.....	29.60	No. 77, 700 Egg, Hot Air	78.40
No. 53, 240 Egg, Hot Air	34.40	No. 78, 700 Egg, Hot Water	97.60
No. 54, 240 Egg, Hot Water	41.20	No. 79, 1100 Egg, Hot Air	124.00
		No. 80, 1100 Egg, Hot Water	156.00

THE RELIABLE OIL BURNING HOVER

Raise all your Chicks with the Reliable Blue Flame, Wickless Oil Heated Colony Hover



By using the RELIABLE BLUE FLAME WICKLESS OIL HEATER COLONY HOVER, you save time, money and trouble and your chickens will grow faster, get heavier and thrive better because this hover will take the very best care of them and keep them comfortable and healthy. You can get any amount of heat with these hovers that is needed at all times.

VENTILATOR in top of cone of hover lets out all foul air made by the chicks. This is done automatically without any bother to the operator and which insures steady and healthy growth of the chicks placed in its care.

LIGHTING RINGS. The Reliable Oil Burning Hover does not use a wick, but uses an asbestos lighting ring. This ring is made out of long fibre asbestos enclosed in a perforated metal ring. The lighting rings are very durable and are great oil savers. Extra lighting rings, postpaid, each, 15c; 2 for 25c.

CANOPY—The Canopy is made of best grade galvanized steel. It is double seamed and reinforced at the bottom with a one-quarter inch rod folded in place and has a cast iron collar at the top which makes this canopy very strong and durable. The legs are made of heavy steel, folded to give strength and a rigid support to canopy.

FREIGHT PAID PRICES

Size of Hover	Capacity	Price Complete
No. 1—42 inches	500 Chicks or Less.....	\$14.85
No. 2—52 inches	1000 Chicks or Less.....	18.90

Extra Lighting Rings, postpaid, each 15c; 2 for 25c.

THE RELIABLE COAL BURNING HOVER

For those of our customers who prefer a Coal Burning Hover, we especially recommend the Reliable Standard. We consider it to be the best on the market.

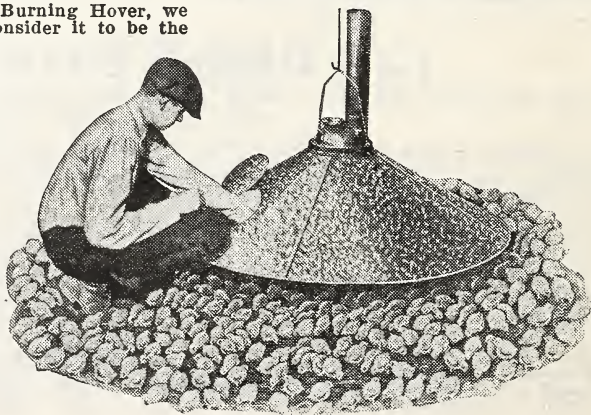
SOME OF ITS PRINCIPAL FEATURES:

POUCH FEED DOOR.
LARGEST COAL CAPACITY.
FOUR INCH COLLAR.
ECONOMICAL, STEADY HEAT.
LARGE BROODING CAPACITY.
NO COLD CORNERS.
POSITIVE REGULATOR.
DOUBLE BRASS WAFERS.
SELF-FEEDING.
WILL BURN SOFT COAL.

PRICES COMPLETE—FREIGHT PAID

No. 9—42 inch Hover, Capacity 500 Chicks....	\$14.75
No. 10—52 inch Hover, Capacity 1000 Chicks....	18.50
No. 12—60 inch Hover, Capacity 1500 Chicks....	22.50

Write for special catalog of Reliable Incubators mailed free on request.



Please Read - - Making Your Own Bacon

There is no question but that the producer can make his own breakfast bacon for less money than he can haul his hogs to market, set the packer kill and cure it, add transportation costs and a dealers profit and buy it back in small lots from the dealer.

WHY don't you pay yourself for this labor, profit and transportation?

Well, that brings us to raising chickens—which is an exact duplicate of the Bacon. By raising your own eggs and hatching these eggs in your own incubator, you can pay yourself for this labor instead of paying someone else. You can produce a healthier chick, free from disease, for less money than you can buy them ready made. Even at the same price, you are being paid for your labor. This is just a common horse sense proposition of paying yourself instead of the other fellow for the labor.

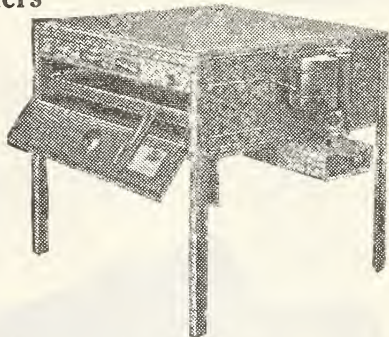
The Famous OLD TRUSTY Incubators and Brooders

The Old Trusty Incubator has been on the market for a great many years. It is a guaranteed incubator in every way. We sell Old Trusty Incubators at factory prices and prepay the freight.

FREIGHT PAID PRICES

100 (120) Egg Old Trusty Incubator, with all tools and fixtures....	\$16.50
150 (175) Egg Old Trusty Incubator, with all tools and fixtures....	19.75
200 (240) Egg Old Trusty Incubator, with all tools and fixtures....	26.00
100-Chick Old Trusty Brooder, with all tools and fixtures.....	9.00
150-Chick Old Trusty Brooder, with all tools and fixtures.....	11.00
200-Chick Old Trusty Brooder, with all tools and fixtures.....	12.00

Ask for free catalog of Old Trusty Incubators.



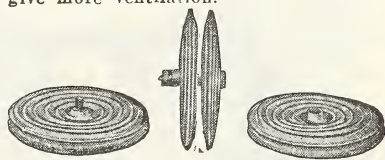
INCUBATOR AND BROODER SUPPLIES

The Patterson Incubator Moisture Guide

The Moisture Guide is a scientific and practical evaporation measure which tells accurately when to add moisture, or give more ventilation. Place holder under same condition as eggs. Fill the guide to top line (0) with soft water and place in holder when eggs are set. Observe position of water line at the same hour each day. The water line should drop one space each day by the scale. If evaporation is too fast, add moisture. If evaporation is too slow, give more ventilation. Postpaid, each \$1.00.

The Reliable Thermo-stat

Fits all makes of brooder stoves. Guaranteed to be reliable and accurate in every way. Postpaid, each, 55c; 2 for \$1.00.



No. 5775

Tycos Incubator Thermometer

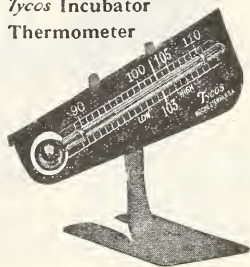
LAMP WICKS—High Grade Red Felt

A good wick is very important, especially when it is in continuous use as on a brooder or incubator lamp. Our wicks are special high grade red felt. They offer a big improvement over the old style, loosely woven cotton wicks which often get clogged in the burner shaft. No loose threads to turn uneven and smoke. Postpaid No. 2 size. Each 5c; Doz. 40c. Postpaid No. 3 size. Each 10c; Doz. 60c.

The Tycos Incubator Thermometer

GUARANTEED ACCURATE

The No. 5775 Tycos Incubator Thermometer with stand is the best thermometer on the market. The stand sets upright on the bottom of the tray with eggs on and around it. It does not tip over. The bulb is always at the same height, just at the top of the egg, thereby giving you the exact temperature at every reading. No variation by the thermometer tipping over. Each thermometer is fully guaranteed and we especially recommend them to our customers as being the best on the market. Postpaid, each 75c; 2 for \$1.40.



When used with Stand

Brooder Thermometers

Made with wooden back for protection. A good accurate, strong thermometer. Postpaid, each, 75c.

Egg Testers

An all metal egg tester that is reliable. Each, 40c, postpaid.

Brooder Lamps

One quart size heavy galvanized iron with burner complete. Postpaid, \$1.50; 2 quart size, galvanized iron, postpaid, \$1.85.



BROODER THERMOMETER

Hygrometers

The use of the "Tycos" Incubator Hygrometer effectively lessens the percentage of chicks dying in the shell—due very largely to improper moisture conditions. "Tycos" Incubator Hygrometer, postpaid, each, \$1.75.

Incubator Lamps

Made of heavy galvanized steel, will last for years. Can be used with almost all makes of incubators. Fitted with burners. Small size holds 1 quart of oil, fitted with 1 or 2 burners, complete. Postpaid, \$1.75. Large size holds 2 quarts with No. 3 burner complete, postpaid, \$2.00.

Lamp Burners

Good heavy burners that will give satisfaction. No. 1 and 2, each 50c; No. 3 each, 60c, postpaid.



When used without Stand

POULTRY SUPPLIES—(Continued)

Petty's Poultry Punch

The Petty Poultry Punch for marking chicks by punching the web of the feet, is made of steel, nickel plated. It is substantially made, cuts a clean hole and is convenient to use. The top of perfection in Poultry Punches. Can be put on your key ring and you will always know where it is. Each 25c, postpaid.



Champion Leg Bands

Adjustable and numbered. Best made. Three inches long Made of aluminum; are adjustable. Dozen, 15c; 25 for 25c; 50 for 35c; 100 for 65c; 250 for \$1.50; 500 for \$2.85, postpaid.



Celluloid Leg Bands

The Celluloid Leg Bands are rapidly coming into more general use, as their many good points of advantage over other kinds become known. They are easily attached, will not lose off, and retain their color. They are made in five sizes, as follows: Asiatic (large size), American, (Medium Size); Mediterranean, (Smaller Size), Bantam and Chick Sizes.

We carry in stock the following colors: Dark Blue, Pink, Red and White. Be sure to state the size and color wanted. Chick size. Dozen 10c; 50 for 30c; 100 for 50c; 500 for \$2.25. Postpaid, dozen, 15c; 2 dozen for 25c; 50 for 35c; 100 for 65c; 500 for \$3.00.



Glass Nest Eggs

The best made; look more like the natural egg and more than pay for their cost the first season. Packed 1 dozen in carton, postpaid. dozen, 35c. Not Prepaid, dozen, 30c.

Live Chick Boxes

"The Anderson Live Chick Box" is shipped to you folded flat and very easily set up. Made from corrugated paper throughout. It is lighter and much more convenient than wooden boxes and in some instances the amount saved in express charges alone will pay for the box.

No. 1, 25 chick size. Each 20c; dozen, \$1.25.
No. 2, 50 chick size. Each, 25c; dozen, 1.75
No. 3, 100 chick size. Each 30c; dozen, 2.25.

Postage 5c each or 25c per dozen extra.



GLASS CLOTH

MAKES YOUR HOME WINTER-TIGHT

Simply tack GLASS CLOTH over your screens to make fine storm doors and windows. Admits abundant light. Shuts out cold. Saves fuel and doctor bills. Ideal for enclosing porches and sleeping porches. Like adding new rooms at small cost.

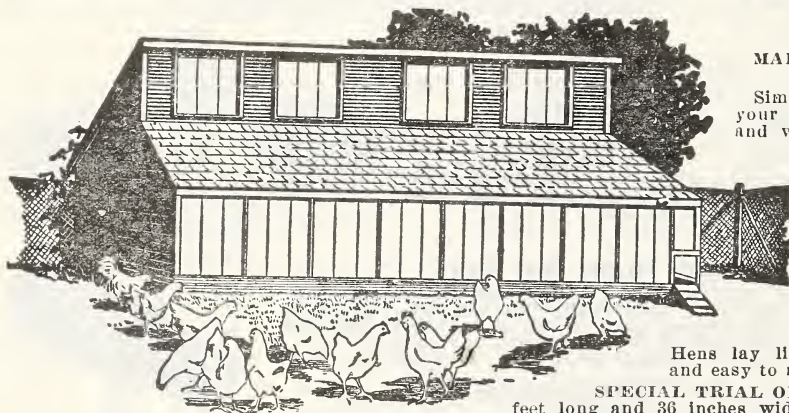
BRING EGGS ALL WINTER

Build a GLASS CLOTH scratch shed onto your hen house. The sun's violet rays bring amazing winter egg yields. (Glass stops them.)

Hens lay like in June. The shed is cheap and easy to make. Repays its cost many times.

SPECIAL TRIAL OFFER—Send \$4.25 for big roll 45 feet long and 36 inches wide, postpaid. (Will cover scratch shed 9x15 feet.)

GLASS CLOTH comes in rolls 3 feet wide and 100 feet long. We will, however, sell you any quantity wanted. Price postpaid, one square yard 35c. Price 1 yard wide, 5 yards long, \$1.70. 1 yard wide, 10 yards long, \$3.25. Larger quantities at 30c per square yard.



Cel-O-Glass

Send for Free Sample and Descriptive Circulars.

CEL-O-GLASS is a new, unbreakable glass. It is the most economical and practical glazing material on the market. It replaces ordinary, fragile, costly glass in nearly every instance.

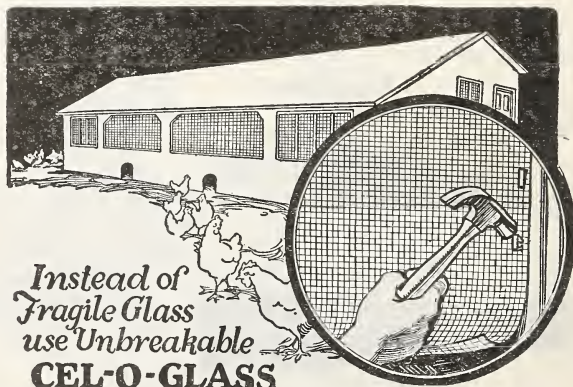
CEL-O-GLASS is made of coarse mesh galvanized wire cloth treated in such a manner that the spaces between the strands are filled with a clear, transparent, tough flexible substance that will not rub off, peel or become brittle.

CEL-O-GLASS IS BEST FOR

Hotbed and coldframe sash. Plant protectors. Barns and outhouses. Greenhouses and propagating houses, windows, doors, and skylights, for dairy houses, poultry houses, scratch pens and brooders, garage doors and windows, covering for the tops of chicken runs, office and factory partitions.

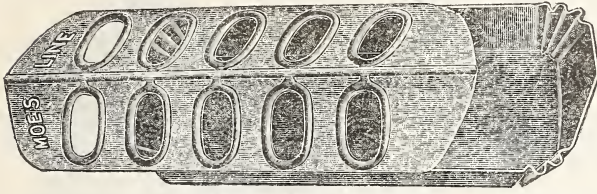
CEL-O-GLASS comes in rolls 28 inches and 3 feet wide only, and in any length up to 100 linear feet (300 square feet.)

Not prepaid. Lots of 6 to 24 square feet, 16c per square foot. Larger quantities 15c. Full rolls 300 square feet, 14½c per square foot. If wanted by Parcel Post, add at the rate of 1c for each square foot



Instead of
Fragile Glass
use Unbreakable
CEL-O-GLASS

POULTRY SUPPLIES—(Continued)

CHICK FEED TROUGH
MADE IN TWO SIZES

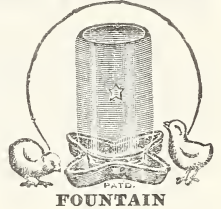
NOT PREPAID
10-inch. Each, 20c; 6 for \$1.33; dozen, \$3.50
20-inch. Each, 35c; 6 for \$1.90; dozen, \$3.50

POSTPAID
10-inch. Each, 25c; 6 for \$1.45; dozen, \$2.25
20-inch. Each, 35c; 6 for \$2.00; dozen, \$3.75

HALF DOZEN LOTS AT DOZEN PRICES

Star Fountain and Chick Feeder

This appliance for chicks, feeds water, grain, grit, etc., automatically. It is an absolutely sanitary fountain made to fit any half-gallon, quart or pint Mason jar. We do not furnish jars. Pan is hinged to the wire so that it is not necessary to remove the jar in order to refill it. Not Prepaid, price 10c; \$1.10 per dozen. Postpaid, each, 15c; 6 for 60c; \$1.15 per dozen.



Grit and Shell Box

This Grit and Shell Box has slanting front, inclined top and round bottom to trough. Just the thing to hold oyster shell, charcoal and grit for a small flock of fowls. A three-compartment Hopper that is made right and will give you satisfaction. Buyer's Expense. Price of Grit and Shell Box, \$1.10; postpaid, \$1.25.

Two-Piece Drinking Fountains

This fountain consists of a cone-shaped bucket or can, and a stamped pan which forms the base and the trough from which the fowls drink. Both parts are made of galvanized sheet steel and all parts are well soldered. The top is pointed so as to prevent chickens from standing or roosting on it. Made in 2 sizes. 2-quart size, 49c each; postpaid, 50c; 3-quart size, 50c each; postpaid, 60c.



Automatic Chick Greaser

EVERY CHICK HAS OWN DOCTOR

The greatest drawback in raising chickens is vermin. It is the large lice which collect on the heads of young chicks which cause them to droop and die. The wick around the upper part of the greaser is saturated with oil (a mixture of two-thirds lard and one-third kerosene or black oil), and every chick which eats out of the pan will get its head thoroughly greased in a very few minutes. This apparatus saves much time and trouble, and adds considerable to your profits. Price of Automatic Greaser, \$1.25; postpaid, \$1.35.



The Reliable Egg Carrier

The best and safest egg carrier on the market. Holds 12 dozen eggs. Size 12 inches square. They are light, durable, prevent breakage and insure correct count. Also meet the requirements for Parcel Post and Express shipments. The Reliable Egg Carrier is the best in every way. Each \$1.00. Postpaid \$1.15.

Moe's Round Baby Chick Feeders

Made in Two Popular Sizes

The most popular baby chick feeder on the market. Made of best quality galvanized iron, accurately stamped with dies, and well made in every detail. The top fits snugly, yet can be easily taken apart for cleaning and filling. A great feed saver, as the chicks can not get into it and contaminate the feed. Can also be used for water or milk. Chickens can not upset it. Made in two popular sizes. No. 11—Diameter 6-inches with 8 holes. Postpaid, each, 15c; 2 for 25c; 6 for 65c; \$1.15 per doz. No. 12, Diameter 8 1/4 in. with 12 holes. Postpaid, 20c; 2 for 35c; 6 for \$1.00; \$1.90 per dozen.

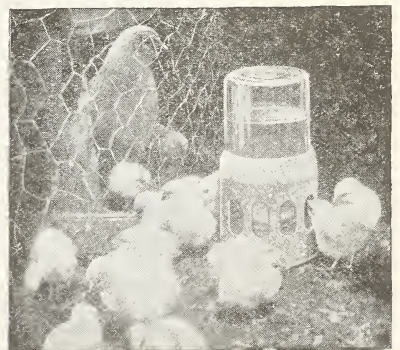


Williams Chick Feeder

The Best Chick Feeder on the market. The Williams Feeder is the only feeder that keeps the feed entirely clean. No droppings or dirt can get into the feeder. Each chick has an entirely separate feeding place. No crowding. Has hinged top, hence easy to clean and fill.

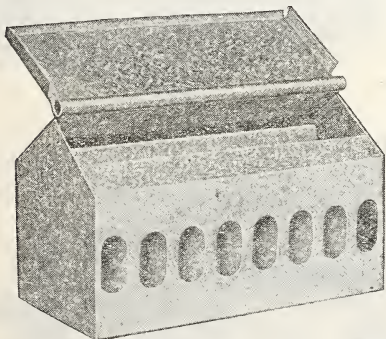
We recommend the Williams to be the best feeder on the market.

Not prepaid, 12 in., each, 65 cents; 24 in. each, \$1.50. Add 12c each extra for postage and packing.



Williams Chick Water Fount

Sanitary, clean. No dirt. The Williams Fount is the only Fount on the market that really keeps the water clean. Any glass fruit jar will fit this fount. Postpaid, each, 40c; not prepaid each, 35c.



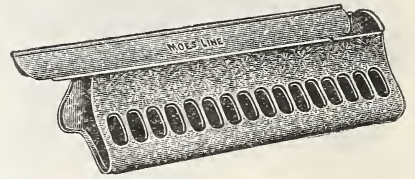
Moe's Large Capacity Feeder

A wonderful feeder for young growing stock, and a great time and labor saver when chicks are raised in large numbers. Made of heavy galvanized iron with a large capacity.

Sliding top cover, easy to fill and clean, and the birds cannot roost on the cover or sides to foul the feed.

No. 140. Feeder, capacity 10 quarts, length 21 inches, width $8\frac{1}{2}$ in., height 7 inches; 16 openings on each side, so that 32 chicks can feed at one time. Not prepaid, each, \$1.20. Postpaid, each, \$1.35. Not prepaid, 6 for \$6.75. Postpaid, 6 for \$7.75.

No. 141. Feeder, capacity 17 quarts, length 35 inches, width $8\frac{1}{2}$ inches, height 7 inches. 27 openings on each side, so that 54 chicks can feed at one time. Packed one in a carton. Shipping wt. 8 lbs. each. Postpaid, each, \$2.00. Not prepaid, each, \$1.80; per doz. \$21.60.

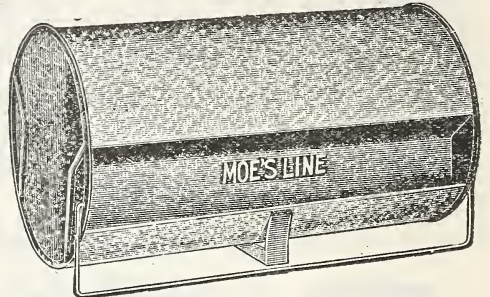


Moe's Poultry Fountains

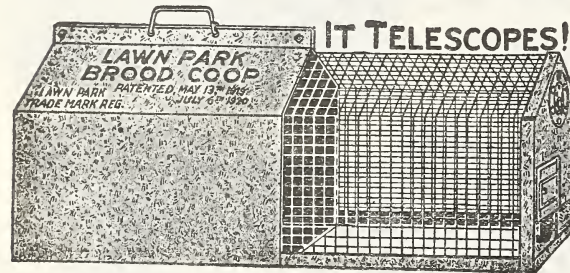
Moe's Horizontal Poultry Fountains. For baby chicks and growing stock. Made of best quality tight coated galvanized iron, strong and substantial. The water feeds automatically and the construction provides a large drinking surface. They are solid and compact, yet light in weight and easy to carry about. Have a heavy wire carrying handle. Made in two sizes.

No. 134—Length 6 inches. Diameter $6\frac{1}{2}$ inches. Capacity about 1 gallon. Each, 65c; 6 for \$3.75.

No. 135—Length 12 inches. Diameter $6\frac{1}{2}$ inches. Capacity about 2 gallons. Each, 80c; 6 for \$9.50. Add 15c each extra for postage.



THE "LAWN PARK" BROOD COOP



Give the Chicks a Chance. They are Money Makers.—Use the LAWN PARK COOP. The wire park pulls out like a bureau drawer and is made from heavy galvanized hardware cloth. The main coop is made from strong 28 gauge galvanized iron. Size of coop, park extended, 18 inches wide, 19½ inches high and 48 inches long. When park is closed, the coop is 24 inches long.

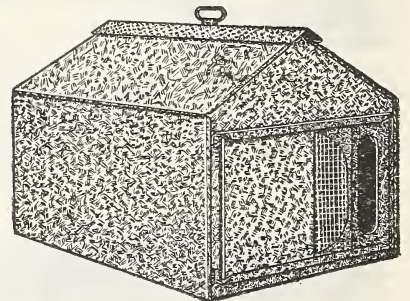
It gives the chicks sunshine, fresh air, grass and protection from all enemies. 1—This is a Parking Coop made so as to telescope (see cut). It gives double the range space when park is fully extended.

2—The "Lawn Park" Coop gives the chicks the natural condition they need for healthy, vigorous growth, namely, sunshine, fresh air and grass. 3—Absolutely Protects from rats, cats, dogs, hawks and all other enemies. Also protects from dampness and vermin. It is sanitary and easily cleaned. 4—It gives Proper Ventilation. In hot weather it is cool as any place out of doors. If weather is cold or stormy or too damp, simply push the park in and the brood and hen are securely sheltered. 5—It serves as a Feeder for each brood. This is the proper way to feed as they are all of one size and have an equal chance. 6—The "Lawn Park" Coop makes an ideal place for setting a hen. Here, with park extended, she may have small range and access to food and water and not be disturbed. 7—It makes an excellent place to break up a broody hen. Not Prepaid, each, \$3.25. Larger quantities, each \$3.00. Add 25c postage for 1st, 2nd and 3rd zones.

The Reliable Brood Coop and Hover

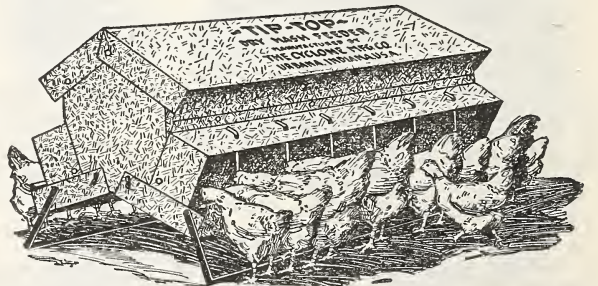
The Reliable Brood Coops are made of heavy galvanized steel. They have gable roofs, lock seams, double doors, and are well ventilated. They are roomy, the size being 24 inches long, 18 inches wide and 14 inches high. They are rat proof, sanitary and easily cleaned. These coops pay for themselves in a very short time and then they last for a great many years. We especially recommend this coop to be first-class in every way. Not Prepaid, \$1.60. Larger quantities at \$1.50 each.

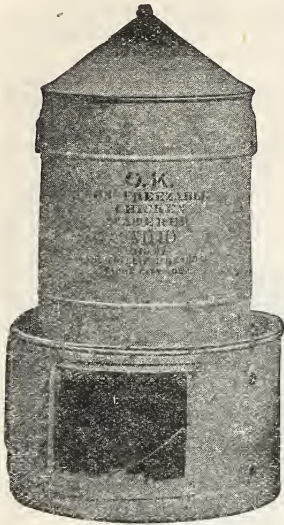
Add 25c postage for 1st, 2nd and 3rd zones.



Cymaco Feeder

"CYMACO" Feeders are noted for their many exclusive advantages. Made entirely of steel and standing on their own legs, they can be placed anywhere—either in the poultry house or out of doors. They are weather-proof. Suspended from the dirt and weather guards on either side of the feeder, are agitator rods which pass through the lower part of the hopper, with the ends extending into the feed, so that the fowls feeding move the agitators and stir the feed, thus keeping it from clogging, that's important. "CYMACO" Feeders are adjustable. On each end of the feeders are two thumb screws by which the flow of the feed from hopper into the feeding troughs is regulated, making the "Cymaco" Feeders practical for all kinds of dry feed. "Cymaco" Feeders are so constructed that they feed from both sides, thus accommodating twice the number of fowls at the same time as ordinary feeders. Not Prepaid, No. 12—½ bushel size, \$2.25 each. No. 24—1 bushel size, \$3.50 each. Add 25c postage for 1st, 2nd, and 3rd zones.





O. K. Warm Water Chicken Waterers

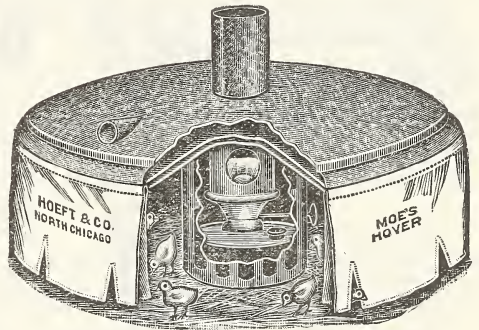
NON-FREEZABLE—SANITARY, MONEY MAKERS, TIME SAVERS

Sanitary Water at the Right Temperature is essential in order to secure profitable results from poultry raising. Sanitary water is a disease preventive, and when provided at the right temperature is assurance that the hens will lay regularly. Watering of poultry is not generally regarded as being of much importance, simply because the average raiser does not realize the benefits to be derived from it. Install an "O. K." and watch your profits grow. **CONSTRUCTION**—All models are built telescopic style, operating on a vacuum principle. No valves. The cone shaped top prevents the chickens from roosting on the waterer. Easily filled. The water is poured into the drum from the top after removing the inside tank. An important feature in the O. K. Chicken Waterer is that it can be quickly and easily disassembled for cleaning. For summer use the top may be used separately or together.

THE HEATER—The heater in the O. K. Chicken Waterers consists of a stationary basin in the bottom of the waterer for kerosene, to which is attached our special No. 20 Sun-Hinge burner with a Smokeless Chimney. Simple and inexpensive to operate. Due to the construction of the waterers a very small amount of heat is required to keep the water from freezing. Sufficient draft is provided through the openings in the side of the base. Can be used inside the poultry house with absolute safety. Not Prepaid, No. 3—2½ gallons, \$3.50. No. 4—5 gallons, \$4.25. No. 10, 10 gals. \$6.00. Add 25c postage for 1st, 2d and 3d zones.

Reliable Chick Hover

A fine hover at a low price. The hollow canopy radiates an even warmth over the entire curtained space and there is a convenient peep tube leading to the lamp, so the operator can quickly see if the wick is at the correct height, and burn ing properly. The lamp is protected with a slotted galvanized iron shield, from the floor to the canopy, so the chicks cannot injure themselves. White canvas curtain, in two layers, with alternate slits or openings to prevent drafts. Capacity 50 chicks. Shipping weight 10 pounds. Prepaid each \$4.75. Not prepaid, \$4.50.



POULTRY FOODS AND REMEDIES

All Poultry Foods and Supplies are f. o. b. Cars, Carthage, Unless Otherwise Noted.

Granulated Bone (Swifts)

Fine for laying hens, granulated to about the size of wheat and thoroughly cleaned; you will find this bone to be one of the best egg producing and conditioning foods you have ever fed. In two sizes. Medium for hens and chick size for little chicks. Please state size wanted. 50 lbs. \$2.00; 100 lbs. \$3.50.

Pure Blood Meal (Swifts)

One of the best egg producing foods known. If your hens are not moulting good, if their combs are not red and you are not getting as many eggs as you ought to, just get a few pounds of our pure dried blood and feed it regularly, and we'll guarantee that inside of two weeks you will see the big change in your hens. 50 lbs. \$4.00; 100 lbs. \$7.50.

Tankage

Digester Tankage is fine for Poultry as well as for hogs. Contains 60 per cent protein. Should be a part of all hog food as it balances the other feed and makes fat at less expense. 50 lbs. \$2.25; 100 lbs. \$4.15.

Meat and Bone Scraps (Swifts)

This meat is ground fine. Meat is one of the most essential elements for egg production, and this is the best way to buy it. No waste, but all good clear meat. 50 lbs. \$2.25; 100 lbs. \$4.25.

Pure Dried Buttermilk

A pure high quality Dried Buttermilk. Fine for feeding to little chicks and for mixing in with dry mash for egg production. 25 lbs. \$2.75; 50 lbs. \$4.75; 100 lbs. \$9.00.

Calico Grit

Crushed limestone. This grit is clean, is crushed to an even size, and is entirely free from all waste. It answers the same purpose as crushed oyster shell. Medium Size for Hens.....90c per 100 lbs. No. 1 Chick size90c per 100 lbs.

Crushed Oyster Shell

Manufactured from pure oyster shell. It acts as a grit, and prevents soft shells. It contains many essential compounds of the egg. Prevents hens eating their eggs, is sharp and clean and contains 95 per cent carbonate of lime.

No. 1 medium size, for hens, \$1.00 per 100 pounds.

Charcoal Granulated

Two sizes, chick and hen. Specify which. A valuable tonic for poultry and hogs. It is a pure and well burned and ground product, and can be taken by you as well as it can be fed to chickens, birds and animals. 25 lbs. \$1.10; 50 lbs. \$2.00; 100 lbs. \$3.50.

Steel Cut Oats

An ideal feed for little chicks. All clean no waste. 50 lbs. \$1.85; 100 lbs. \$3.50.

Oat Meal

Fine for starting little chicks. 50 lbs. \$1.85; 100 lbs. \$3.50.

Walko Tablets

WALKO WHITE DIARRHOEA, ROUP AND CHOLERA TABLETS
Walko is a Reliable Germicide, Intestinal Antiseptic and General Correctant. It is powerfully destructive to germ life, especially destructive to the White Diarrhoea germ, yet perfectly safe to give little chicks in their drinking water as soon as they are out of the shell. It acts as a general tonic, giving increased strength and vitality and should be used in all drinking water from the time the chick is old enough to drink. Packages postpaid, 50c and \$1.00.

WALKO SPECIAL LOUSE POWDER

Postpaid Package, 55c.

Rat-Scent

THE MODERN METHOD OF POISONING RATS AND MICE

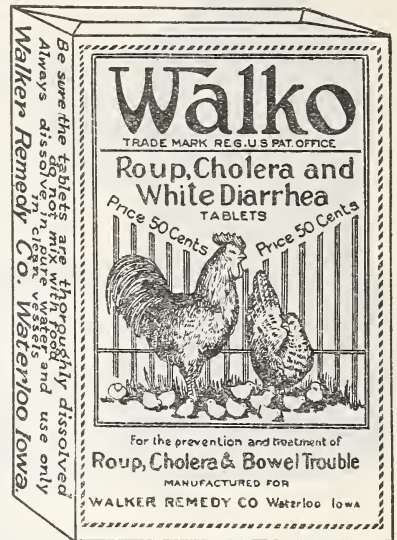
RAT-SCENT is a specially prepared poisoned combination of California grains, sun-dried and scented.

The scent attracts and draws rats and mice to the bait and the grain is blended to make it agreeable to their taste, in fact, they will eat it in preference to any other food.

RAT-SCENT especially appeals to the farmer and poultryman as it does not kill chickens, and rats and mice will eat it regardless of other grains lying around.

RAT-SCENT being a grain is not an attractive food for cats or dogs, which gives it a greater degree of safety than the ordinary baited poisons.

Not mailable. By express at buyer's expense. Packages 35c and 50 cents.



The Complete Meat Cure!

Meat Salt,
Sugar Cure
and Smoke,
ALL applied
in one quick
easy operation



*Saves-
Time, Labor,
Meat, Money*

Wright's Smoke Salt

THIS ENDS MEAT CURING TROUBLES

No smoke house—no waste—no long waiting and hard work! Just pack the meat down in Wright's Smoke Salt and Sugar Cure and it is salted, sugar cured and deliciously smoked—with real, condensed wood smoke—all in ONE operation.

Why Wright Way Is Better

Meat absorbs flavors and curing agents most readily when it is FRESH. When it is cured in salt alone, the salt fills the pores, hardens the fibers and draws out so much moisture that absorption of further flavors is difficult.

Therefore, sugar curing and smoking meat AFTER it has been salt cured cannot produce anything like the excellent results you can get with Wright's Smoke Salt and Sugar Cure—the COMPLETE cure, applied when the meat is fresh, moist and absorbent. Penetration of salt hardened meat is so difficult that a thorough, even sugar cure is almost out of the question. So far as smoke is concerned, SURFACE flavoring and curing is all you get by smoking salt-cured meat in a smoke-house.

SAVE THREE WEEKS—Labor, Meat, Money

Postpaid, first to third zones, 10 pound can, \$1.20, Buyers Expense \$1.00; 2 ten lb. cans, \$1.90.

Sunshine Worm Capsules

Certain, Safe and Sure

An effective and certain preparation for the removal of Round Worms, Tape Worms and Ceacal worms in poultry. The ideal individual treatment can be used while hens are in production.

This treatment insures the proper amount of the remedy to each and every bird.

Sun Shine Worm Capsules meet all requirements, they get the Tape, Round, and Ceacal worms and in a mild manner, leaving the digestive tract free from all irritating substances and the general system in the pink of condition.

Sun Shine Worm Capsules meet all requirements, they get the Tape, Round, and Ceacal worms and in a mild manner, leaving the digestive tract free from all irritating substances and the general system in the pink of condition.

Sun Shine Worm Capsules are balanced so that they get the worms, if properly used, and do not decrease egg production or affect their health.

Sun Shine Worm Capsules are, as the name implies capsules, not tablets. The Capsule Way is the Sun Shine Way. Postpaid pkg., 100 capsules, \$1.25.



HUDSON SPRAYERS - The World's Standard

A Sprayer for Every Purpose—Every one Guaranteed

Hudson Perfection Sprayer



For general high pressure purposes, the Perfection is the very best. Easily operated and economical to use for white-washing, disinfecting, deodorizing, cold water painting, etc. Best materials, best construction and best quality throughout.

Tank 7½ inches in diameter, 20 in. high, capacity about 4 gallons. Made of rust resisting copper bearing galvanized, or first quality brass sheets as ordered. Riveted like a range boiler and will withstand high pressure with perfect safety.

Pump—Seamless Brass Tubing 1¼ in diameter, 15½ in. long. Screws into malleable top which attaches to tank by screwing on to a threaded brass collar. Easily and quickly removed for filling, cleaning or repairing.

Nozzle—Automatic all brass Non Klog pattern with strainer disc. Equipped with 12 inch Brass Extension Rod. Operates perfectly under all pressure without leaking or dripping.

No. 110-G, Perfection Sprayer, Galv. tank Price...\$6.00
No. 110-B, Perfection Sprayer, Brass tank. Price...\$8.50
Postage 25c each, extra.

Hudson Junior Sprayer

The Junior Sprayer is made for the man who needs a medium-sized high pressure compressed air sprayer. It is substantially made and will do as satisfactory work as any of the larger patterns. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken house, in the dairy barn, hog pen, or for disinfecting buildings.

Capacity 2½ gallons. Made of either brass or copper-bearing galvanized sheets. Standard equipment includes 12-inch brass extension rod as shown. No. 140-G Junior, galvanized tank. Price, \$4.75. No. 140-B, Junior brass tank, Price, \$7.00. Postage 25c each, extra.

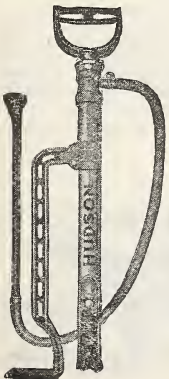


Hudson Modoc Spray Pump

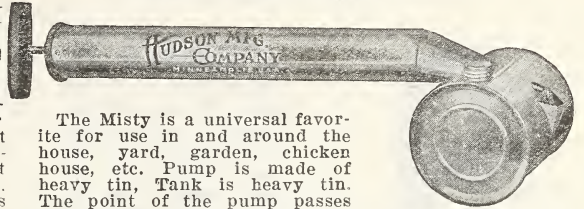
The Modoc is a double acting, high pressure spray pump of large capacity. It will develop 150 lbs. pressure at the nozzle. Can be used with any bucket or small tank.

It may be used in many ways; spraying fruit trees, vines, garden truck, ornamental shrubs, for white-washing, disinfecting, washing vehicles, windows, etc. Will handle all solutions. Several varieties of sprays furnished by different combinations of discs furnished with each nozzle. Produces solid stream by removing two hole disc.

Furnished with 3 feet of ¾-inch spray hose, a 12-inch extension rod and brass nozzle with variable discs. Modoc Spray Pump. Price...\$3.50
Postpaid...\$3.75



Hudson Misty Sprayer

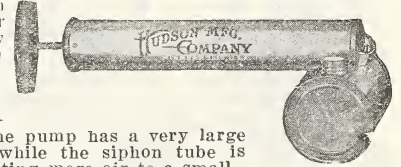


The Misty is a universal favorite for use in and around the house, yard, garden, chicken house, etc. Pump is made of heavy tin. Tank is heavy tin. The point of the pump passes through the tank and is securely soldered. The siphon tube set at a proper angle by a jig and carefully soldered. Construction combines strength, simplicity, neatness and uniform efficiency in operation. Heavy Plunger Rod and good leather. Capacity, One Quart.

Misty Sprayer, Heavy Tin, 50c; postpaid 60c.

Hudson Fog Sprayer

The Hudson Fog Sprayer is especially designed for spraying fly dope, furniture polish, chemicals, insecticides, etc. The pump has a very large air capacity while the siphon tube is small, distributing more air to a smaller quantity of liquid. This breaks the liquid into minute particles which remain in suspension much longer than usual.



Brass Extension Rods

Made of heavy Brass Tubing, will work with the Perfection, Junior and Modoc Spray Pumps. Two foot length, postpaid, 70c. Three foot length, postpaid, \$1.00.

Hudson Powder Duster



This Hudson Powder Duster is very popular for exterminating roaches, ants, bed bugs, flies, etc., in the home. It is also adapted for larger jobs, such as restaurants, hotels, back yard gardens, poultry houses, cattle barns, etc. Will handle all dry powdered insecticides very satisfactorily.

Pump is made of heavy tin. Tank is of heavy tin, capacity one quart. Fitted with special filler cap 2 inches in diameter, and guard over syphon tube to prevent injury.

Powder Duster—Heavy tin. Price each.....50c
Postpaid.....60c

Hudson Bellows Duster



The Hudson Bellows Duster is used with dry Paris Green, Arsenate of Lead, Persian Insect Powder and other powdered insecticides in truck gardens, potato patches, tobacco fields, cotton fields, etc. The funnel unscrews from the bellows so that the powder is put directly inside the duster. It is kept constantly agitated by the action of the bellows, providing a uniform discharge.

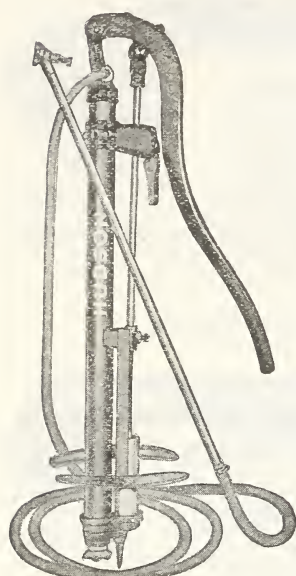
Bellows is made with hardwood head block and handles and basswood sides. Reinforced construction at the hinge prevents any possibility of breakage. Discharge equipment is of heavy tin. Elbow tilts the funnel in any direction, for dusting the under sides of leaves, etc.

Bellows Duster. Price \$1.75. Postpaid, \$1.90

HUDSON SPRAYERS - The World's Standard

A Sprayer for every purpose—Every one guaranteed.

Hudson Barrel Spray Pump

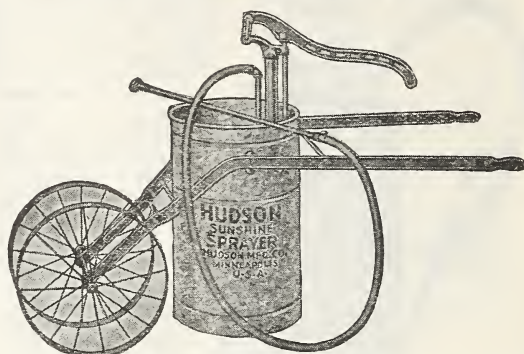


This pump will meet all requirements of a perpendicular barrel pump. It is powerful, light and durable, and will maintain a working pressure of 200 lbs. Has ample capacity for two lines of hose if desired. Because of its high pressure, it is particularly adapted to orchard and vineyard work; also white-washing, cold water paints, disinfectants, etc.

Unbreakable pressed steel handle, brass cylinder, special plunger leather, brass ball valves, and dasher type agitator. Attachment for fastening to chime of barrel furnished unless otherwise ordered. No. 4-A. Pump with 10 ft. $\frac{3}{8}$ -in. hose, 8 foot

extension rod, brass cut-off and Ideal Angle nozzle. Shipping wt. 33 lbs. Not prepaid, each \$14.

Hudson Sunshine Sprayer



It is adapted for orchards, vineyards and truck gardens; for whitewashing poultry houses and dairy barns; spraying stock dips, treating ornamental shrubbery, flowers, etc. Its high pressure and easy portability adapt it for work of all kinds. Its two-wheeled construction enables it to be used on hillsides or on uneven ground without danger of tipping.

Pump is fitted with dasher type agitator driven by each stroke of the plunger. Valves are bronze balls mounted in a brass cage, accessible without dismantling the pump. Cylinder is seamless brass. Air chamber has ample capacity for high pressure and steady discharge. Tank is heavy gauge copper bearing galvanized steel; capacity 12 $\frac{1}{2}$ gallons. Discharge equipment consists of 5 feet of $\frac{3}{8}$ -inch 5-ply spray hose. Ideal nozzle and two-foot iron pipe extension.

Sunshine Sprayer. Not Prepaid\$17.50

Hudson Spray Pump Hose

Hudson Spray Hose is made especially for spraying purposes. The inner liner is of special composition not affected by the chemical action of the various spray solutions. Ordinary garden or lawn hose will not serve, because it corrodes and deteriorates rapidly. Furnished in $\frac{1}{2}$ -inch size, 5-ply. Price 5 to 10 feet, 17c per foot; 25 to 50 foot length at 16c per foot. Add 1c per foot for postage.

Hudson Fog Nozzle

Standard Thread

The Hudson Fog Nozzle is extra heavy and throws a fine fog, which penetrates readily. Postpaid, each 75c.

B-K. DISINFECTANT

Clean, Powerful, Safe "Leaves No Odor After Use."

B. K. is the most powerful Germ Killer known. It is used in a multitude of ways and conditions and never fails to give satisfaction.

The use of B. K. as a dairy sterilizer enables the dairyman to produce a higher grade of milk with less expense, less labor, and less fuel. It is a simple, practical, cheap and most effective method.

(Contagious Abortion)—B. K. is the most powerful remedy known to combat this great evil. A trial will convince you.

Cures Roup, Colds, Bronchitis, etc., in your flock of chickens.

Postpaid

Price—4 oz. bottle.....	\$0.40
Price—10 oz. bottle.....	.70
Price—30 oz. bottle.....	1.35
Price—1 gal. bottle.....	3.25

Not Prepaid

Price—4 oz. bottle.....	\$0.35
Price—10 oz. bottle.....	.60
Price—30 oz. bottle.....	1.25
Price—1 gal. bottle.....	3.00
Price—5 gal. bottle.....	12.50

We Sell B-K For 145 Farm Uses

5621

Blatchford's Calf Meal

Here's the solution of your whole profit problem. Blatchford's Calf Meal (the perfect milk substitute) is so like the genuine whole milk—when properly made into gruel—that the calf doesn't know the difference; it's a real babyfood" for calves (or any young stock, for that matter), and is not at all like the ordinary "feeds" and "meals" now on the market. It contains protein and butter fat in greater quantities than is usually found in whole milk and is thoroughly steam cooked. The calf will grow sturdy and robust and will not be troubled with "scouring." One hundred pounds of Blatchford's Calf Meal makes 100 gallons of rich milk substitute. Two tablespoonsful in gruel form as directed, is a full feed at the start.

Explicit feeding directions in every bag. A compliance with them will insure perfect results. Not prepaid, 25 lb. bag, \$1.60; 50 lb. bag, \$3.00; 100 lb. bag, \$5.75.



SPRAYING MATERIAL

Write for Spray Manual. Mailed Free.
POISONS ARE NOT MAILABLE

All prices on insecticides subject to market changes.

The Spray Materials listed on this page are the best that money can buy. You cannot afford to experiment with cheap materials.

Pyrox

The Spray that is "Worth While"

Pyrox does three things at one application. It kills bugs, worms and insects. It controls fungus diseases and prevents blights that turn the leaves brown or black. It stimulates the foliage, thus making it heavier and greener.

Convenient to use. Five minutes and you're ready to spray. And once sprayed—Pyrox sticks, making frequent sprayings unnecessary. Use Pyrox for potatoes, tomatoes, cucumbers and other vegetables; grapes, small fruits, roses, shrubs and flowers.

1 lb. glass jar. Not Prepaid.....	\$0.50	10 lbs. 1 container. Not Prepaid	3.00
5 lbs. 1 container. Not Prepaid	1.75	One pound makes five gallons of spray.	

POWDERED ARSENATE OF LEAD

This product contains 1-3 arsenic—the most effective known poison for leaf eating insects—which is closely combined with pure lead, in such a way that there is no free arsenate left to "burn" the foliage. It requires less than one-fourth as much Dry Powdered Arsenate of Lead per 50 gallons of water as it does of the paste material to accomplish the same or better results. One pound or 1½ pounds of Dry Powdered Arsenate of Lead to 50 gallons of water will control leaf-eating insects. Not prepaid, price ½ lb. 25c; 1 lb. 35c; 4 lbs. \$1.00; 25 lbs. \$4.50; 50 lbs. \$8.50; 100 lbs. \$16.00.

DRY OR POWDERED LIME SULPHUR

The uses for Dry Lime-Sulphur are varied, but the grower will find it particularly effective in control of the following: San Jose Scale, Oyster Bark Louse, Scale Insects, Fungus Diseases such as peach Leaf Curl, Apple and Pear Canker, Apple Scab, Brown Rot of peach or plum, Blister Mite, etc. Remember Dry Lime-Sulphur can be employed for exactly the same work for which you have been using Lime Sulphur Solution. Eighty pounds of Dry Lime-Sulphur will produce four hundred gallons of spray for dormant work. It dissolves readily in cold water and adheres to the foliage for the longest possible time. Not prepaid, price, 1 lb. 35c; 5 lbs. \$1.20; 12½ lb. bag, \$1.75; 25 lbs. \$3.50; 50 lbs. \$6.50; 100 lbs. \$12.50; 200 lbs. \$24.00.

FUNGI BORDO OR INSECTO

This mixture not only prevents blight, scab, rust, mildew, black-rot, and all fungus disease of plants and fruits, but improves the quality and increases the yield. It should be used on all vine-crops, grapes, cucumbers, melons, tomatoes, etc. Potatoes especially respond generously to thorough spraying. To make a combined fungicide and insecticide, 2 pounds of Arsenate of Lead to 150 gallons of the diluted mixture. Use 6 to 8 pounds to 50 gallons of water. Not prepaid, price 1 lb. 35c; 4 lbs. \$1.00; 25 lbs. \$4.00; 50 lbs. \$7.75; 100 lbs. \$15.00.

Acme Sprays

Write for this Fine Guide Free

Acme Garden Guard

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss. For use on:

Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds.

Prices: Lb. sifter carton, postpaid, 30c, 5 lb. can \$1.10.

Acme All Round Spray

The latest improvement in the insecticide field; one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular. Not Prepaid. ¼ lb. 35c; 1 lb. 75c.

TOBACCO DUST

One of the cheapest and most effective remedies for lice and worms on cabbage, striped bugs and other insects on melons, cucumbers and squashes; a splendid preventive for strawberry weevil; fine for dusting on seed-beds to protect the young plants, as well as fertilizing and stimulating the growth. Lb. postpaid, 20c; 4 lbs. 50c. Not prepaid, 10 lbs. 75c; 25 lbs. \$1.35; 50 lbs. \$2.50; 100 lbs. \$4.50.

"BLACK LEAF 40" NICOTINE

"Black Leaf 40" kills chicken lice. It works while they roost. One ounce of "Black Leaf 40" will paint about 15 running feet of roost; one pound to 225 feet. Kills lice quickly and effectively.

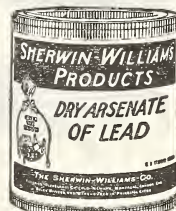
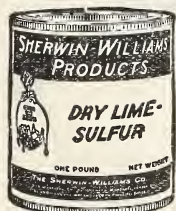
When properly diluted and used according to directions, it is the most effective agent against the sucking insects. Directions for use are enclosed with each package. For outdoor use—Nicotine Sulphate 40 per cent Solution. Not Prepaid 1 oz. bottle 35c; ½ lb. tin \$1.25; 2 lb. tin \$3.25; 10 lb. tin \$11.85. A 1 oz. bottle makes 3 to 5 gallons of spray.

Pestroy

Sherwin-Williams Pestroy is a combined insecticide and fungicide especially adapted for use in the home garden. It is designed for the control of many chewing insects and fungous diseases, containing the proper proportion of Arsenate of Lead to control the former, and of Bordeaux Mixture to combat the latter.

Pestroy comes in dry powdered form, and will thus keep indefinitely without losing any of its effectiveness. This form allows it to be either dusted or sprayed, whichever happens to be preferred. Pestroy mixes freely with water, and because of its extreme fineness spreads and adheres to the foliage, insuring the maximum amount of protection for the longest time.

It is a scientific fact that Pestroy stimulates plant growth. It tends to make the foliage more vigorous and have a better color. Not Prepaid, ½ lb. 30c; 1 lb. 50c; 4 lbs. \$1.25; 100 lbs. \$23.00.



The Cyclone Broadcast Seeder

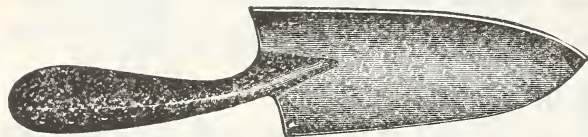
GUARANTEED

Fifty acres in a ten-hour day—seeded evenly, thoroughly and easily. That's what you can do with a Cyclone Seeder. Use it with any seeds that can be sown broadcast or with ground bone, ashes or fertilizers—a Cyclone will pay for itself in three hours work! Because its absolutely even distribution will make three bushels do the work of four. Price, each, \$2.00. Postpaid, \$2.25.



GARDEN TOOLS

Garden Trowel No. 85



Made of heavy galvanized steel, all one piece, and practically indestructible. The handles are formed round and smooth; no rough edges and are just the right size and shape for an easy grip. Postpaid, 15c each.



Steel Garden Weeder No. 82

No. 82, Garden Weeder. One piece pressed steel. Hand-somely finished in black baked enamel. Has five steel fingers and is one of the most useful and handiest garden tools made. Ground and polished points. Postpaid, each, 39c.

Hand Weeder

This hand weeder is an extra nice tool, where close work next to the plants is needed. Postpaid, each 25c.



Dandelion Weeder

This tool is the best on the market for digging out dandelions. It has a long narrow blade and reaches roots and all of the plant. Postpaid, each, 30c.

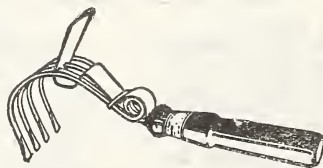
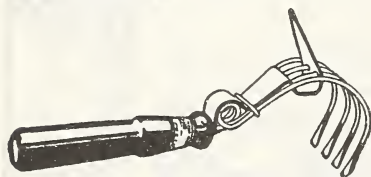
Combination Spring-tooth Magic Weeder Hoes

DON'T THEY LOOK MIGHTY GOOD TO YOU? They are the King of all small Garden Tools, and actually turn work into pleasure.

STRONG IN
CONSTRUCTION



LIGHT IN
WEIGHT

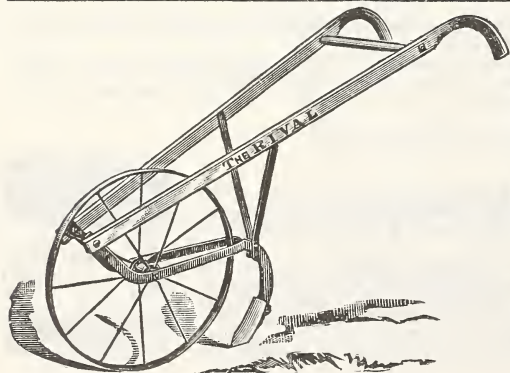


STYLE E.

STYLE D.

STYLE A.

Style	Length of Handle	Full Length	Blade	Price Each	Postpaid
A	5½ inches	9¼ inches	No Blade	25c	30c
B	18 inches	22 inches	No Blade	30c	35c
D	6 inches	11¼ inches	With Blade	50c	55c
E	6 inches	11¼ inches	With Blade	50c	55c



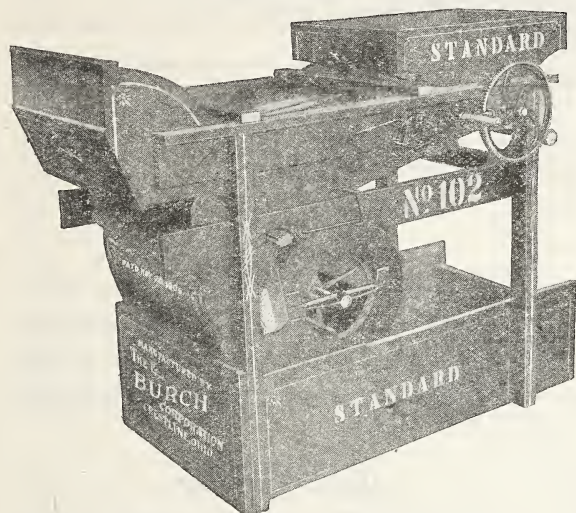
The Rival Garden Cultivator

It is safe to say there is no similar tool made that in ease of operation, high grade material, and fine finish, will equal the "Rival." The Beam is made of very stiff steel and is constructed so that when the handles are attached the center of weight falls directly over the pivoting points which forms the axle for wheels, making itself balancing, and which admits of its being propelled with a minimum of power. Handles can be raised and lowered to suit man or boy. The different extras used on the "Rival" are Shovel, Calf Tongue, Weeder, Moldboard and Rake. Wheel is 24 inches in height. Complete, with five tools as shown \$3.50.



The Standard Improved Seed Cleaner

"Runs Light and Cleans Right" Each Cleaner Fully Guaranteed



The No. 102 Standard Cleaner

The No. 102 is our Standard Farm size cleaner and is the most perfect cleaner produced for the proper cleaning of any or all kinds of grains or seeds. We especially recommend its use for cleaning buckhorn and plantain from clover, cockle from wheat and especially for grading seed corn, when fitted with the proper screens. This machine also is equipped with the Automatic Vibrators for keeping the screens clean. The construction is such that there is a steady end motion to the shoe to which is bolted the pitman, which in turn is bolted to the eccentric on the shaker shaft, making the action positive with the turning of the crank. It is equipped with cone pulleys on the drive and fan shafts, also power pulley and has a separate straw spout, screening spout and grain box. Regularly equipped with 10 screens for grain and seed.

Dimensions 110—Height 44 inches. Length 58 inches. Width 36½ inches.

Dimensions 102—Height, 44 inches. Length, 58 inches. Width, 31 inches.

The Standard Bagger Attachment

The Bagger is a very great saver of time in cleaning. The elevator is driven from the shaker shaft, the switch being arranged for holding two bags, and by simply moving the lever the delivery of the seed is diverted from one to the other. The Bagger is fully guaranteed to give satisfaction.

Freight Paid Prices

No. 102 without bagger.....	\$42.00	No. 102 with bagger	\$52.50
No. 110 without bagger.....	55.00	No. 110 with bagger	\$62.50

"Graco" Mulch Paper

Write for Free Samples

Labor-saving devices are in fashion, but not until recently has great progress been made in taking the back bending out of gardening. Now, however, it seems that we are well on the way to a garden without work, or at least without the uninteresting and seemingly unending work of cultivating and weeding. This can be accomplished by using **GRACO MULCH PAPER**.

This method might be supposed to keep rain from entering the soil, but the rain enters in the strips left bare, and soaks the soil beneath while the paper covering prevents evaporation, and the growth of weeds. It is necessary to hand weed in the row where seed is sown, but this work does not last long, and is relatively little.

Planting is done by either of two methods—through the paper or between strips of paper. Where you have such crops as tomatoes, eggplant, peppers, pineapples, or field corn, which require rather wide intervals, the best way is to plant in regularly spaced openings made through the paper. With pineapples, the usual practice is to stab a hole through the paper with a rounded stick or dibble. The pineapple slip is then placed in the plant bed through the opening.

With tomatoes and other less hardy plants, it is advisable that the openings be made sufficiently large for some uncovered soil around the plant's base. Usually a hole about four or five inches in diameter is sufficient. Sometimes crisscross slits are made in such a manner that the edges may be folded back as flaps. It is possible to so adjust these flaps that considerable protection from the wind is given.

With carrots, radishes, spinach, and other drill crops sown in rows close together, the planting is done between the strips of paper. The weed growth is confined to the narrow planting strip, and the work of cultivation is a minimum.

MEDIUM WEIGHT

Not Prepaid

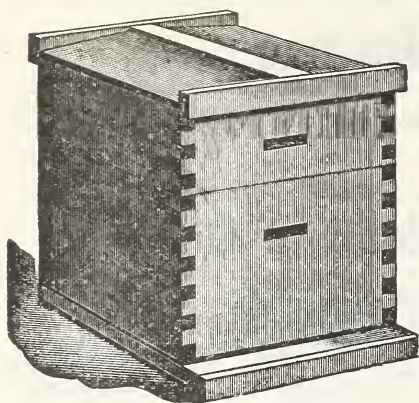
18 inches wide, 300 lineal yards to the roll. Weight 27 lbs., \$3.75 per Roll
36 inches wide, 300 lineal yards to the roll. Weight 60 lbs., \$7.25 per Roll

HEAVY WEIGHT

Not Prepaid

18 inches wide, 150 lineal yards to the roll. Weight 30 lbs., \$3.75 per Roll
36 inches wide, 150 lineal yards to the roll. Weight 60 lbs., \$7.25 per Roll

BEE KEEPERS' SUPPLIES



Section Holders

Section Holder, 1 7-8 inches wide slotted, in flat, 10 for 50c; 50 for \$2.50; 100 for \$4.50.

Hoffman Frames

The Hoffman frame is the standard frame in general use. 10 for 70c; 50 for \$3.25; 100 for \$5.80.

Extracting Frames

Shallow $4\frac{1}{2}$ inches deep. 10 for 50c; 50 for \$2.35; 100 for \$4.50.

Deep Frames 5 $\frac{3}{8}$ inches. 10 for 50c; 50 for \$2.35; 100 for \$4.50.

Add 50c per 100 on all Frames for Postage.

SECTIONAL HONEY BOXES



IXL QUALITY

Prices on Beeway sections— $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{8}$:

100	\$1.50
250	3.50
500	6.50
1000	12.50

By mail add 20c per 100 for postage and packing.

Tinned Wire

No. 30 tinned wire is the most suitable wire for frames. We keep it on spools as listed.

Sizes furnished: 1-oz. spools each 10c; $\frac{1}{4}$ -lb. spools, each 20c; $\frac{1}{2}$ lb. spools each 30c; 1 lb. spools, each 50c. Postage 6 cents per lb. extra.

Comb Foundation

Our Comb Foundation is made of Pure Beeswax. Medium brood foundation is to be used in the brood frames while the thin super is for the section honey boxes.

Name of Grade	Per Lb. in Lots of 5		
	1 lb.	5 lbs.	10 lbs.
Medium brood	\$0.85	\$0.80	\$0.75
Thin super	\$0.95	\$0.90	\$0.85

Add 10 cents for a single pound and 2 cents for each additional pound; extra for postage and package, if wanted by parcel post.

Bee Gloves

Extra heavy cotton with long sleeves reaching over the elbows and with fingers. Postpaid, pair \$1.00.

Porter Bee Escapes

Porter Bee Escapes to clear the supers of bees. Saves time and bee stings. Price with board, 50c; postpaid, 60c.

Muth Ideal Veil

This veil is made of the best quality of light weight wire and cambric. Fits nicely on either a straw or derby hat. The designer and maker of this style says there is no possible chance for a bee to crawl in, nor can the wind blow the wire against the face. The view is perfect and wire allows the air to penetrate. Each, \$1.10. Postpaid, \$1.15.

WRITE FOR COMPLETE BEE SUPPLY CATALOG

Unless otherwise noted all Bee Supplies are at Buyer's Expense.

8 Frame Dovetailed Hives

All hives listed here are in the knock-down, not nailed or painted.

No. 1—E. Dovetailed, 8-frame, a one story hive for comb honey, with eight improved Hoffman frames; follower board, one super, with a follower and two wedges; 6 section holders with wood separators, nails for making hives and trimmings. One hive for \$3.00; 5 for \$11.50.

No. 1, $1\frac{1}{2}$ story (like cut) with sections and starters. One hive, \$3.75; 5 for \$15.75; 10 for \$31.00.

10 Frame Dovetail Hives

No. 1-A, 1 story hive, no starters. One hive, 1 \$3.50; 5, \$12.50.

No. 1, 1 and one-half story hives, with sections and starters. One hive \$4.00; 5 for \$17.50; 10 for \$34.00.

Supers

All supers are in the knock down.

No. 3—8 frame super, section boxes. Each, \$1.55; 5 for \$5.90.

No. 4—8 frame super, extracting frames. Each, \$1.50; 5 for \$5.50.

No. 5—10 frame super, section boxes. Each, \$1.65; 5 for \$6.35.

No. 6—10 frame super, extracting frames. Each, \$1.60; 5 for \$6.00.

Queen Excluders

These are for the purpose of keeping the queen out of the upper story; being perforated with holes just the right size to admit the worker bees while the queen is kept below in the brood chamber where she properly belongs.

8-frame, wood zinc, slatted; weight of 10, 13 lbs. Price each, 60c; 10 for \$5.80.

10-frame, wood zinc, slatted, weight of 10, 14 lbs. Price each, 65c; 10 for \$6.20.

Bee Entrance Guards

Eight and Ten Frame—Please specify which is wanted. Each 25c; 10 for \$2.00. Add 5c each for postage.

Wood Separators

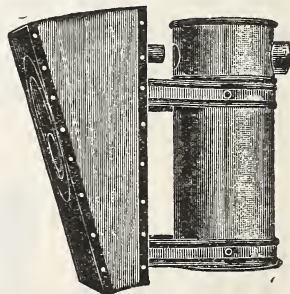
Slotted Wood Separators, $4\frac{1}{2} \times 18\frac{1}{2}$ inches in flat, 10 for 20c; 100 for \$1.50. Add 1c each for postage.

Drone and Queen Trap

The latest Ally Drone and Queen Trap is quite an improvement over the old style and designed to automatically catch and cage the drones. They are also valuable during the swarming season to catch and hold the Queen until the apiarist can give her attention; thus in most cases preventing the swarm from leaving or settling in some inaccessible place. 8 and 10 frame. Each, 70c; 10 for \$6.50. Add 6c each for postage.

The Higginsville Smoker

This is a hot blast smoker and has a $3\frac{3}{4}$ inch fire box, and the nozzle is detachable to admit of filling or cleaning. We believe it has as strong a blast as any smoker made. A bar of folded tin running parallel with a bellows protects the hand from coming in contact with the hot fire box. Price each, \$1.10. Postage, 10c extra.



SPRING 1930 Prices—Grass, Clover and Field Seeds

THESE PRICES INCLUDE BAGS, FREE. No charge for drayage. We will sell Half Bushels at bushel rates by adding 10 cents extra for bag to each lot ordered. Prices on list are net cash, no discounts allowed and are based F. O. B. cars, Carthage.

Prices as quoted below will hold good while present stocks which we have on hand are unsold. If any decline in the market on any variety we will include enough extra seed to give you full value for the money sent.

If you find us out of line in price on any variety of seed which you wish to purchase please write and tell us the quantity you will need and we will gladly quote the lowest possible prices that the markets will justify.

For postpaid prices on smaller quantities kindly refer to bottom of description on each variety as described in catalogue.

WE QUOTE PRESENT PRICES, SUBJECT TO MARKET CHANGES GRASS AND CLOVER SEEDS

	By Freight or Express, F. O. B. cars, Carthage, Mo.	
	Bushel	100 lbs.
Red Clover, Quality Brand, Northern Grown.....	\$14.50	\$23.75
Red Clover, High Grade	13.50	22.00
Mammoth Clover, Quality Brand	15.50	25.00
Mammoth Clover, High Grade	15.00	24.00
Korean Japan Clover Quality Brand	22.50	44.00
Japan Clover, Quality Brand.....	10.50	20.00
Alfalfa, Standard Variety, Quality Brand, Kansas Grown.....	16.90	27.25
Alfalfa, Standard Variety, High Grade	15.75	25.50
Alfalfa, Grimm Genuine, Certified	26.00	42.00
Alsike Clover, Quality Brand	15.00	24.00
Alsike Clover, High Grade	14.00	22.75
White Clover, Quality Brand	21.50	35.00
White Clover, High Grade	21.00	34.00
Sweet Clover, White Blossom, Quality Brand, Scarified.....	6.35	10.00
Sweet Clover, White Blossom, High Grade, Scarified.....	6.00	9.00
Red Clover, Timothy and Alsike Mixture	8.00	14.00
Alsike Clover and Timothy Mixture	8.00	14.00
Orchard Grass, Quality Brand	2.75	19.00
Orchard Grass, High Grade	2.50	17.00
Timothy, Quality Brand	3.75	7.50
Timothy, High Grade	3.50	7.00
Red Top, Quality Brand	2.75	19.00
Red Top, High Grade	2.50	18.00
	50 lbs.	100 lbs.
Kentucky Blue Grass, Quality Brand	\$12.00	\$23.00
Kentucky Blue Grass, High Grade	11.00	21.50
Tucker's Perfect Lawn Grass.....	18.00	35.00
Combination Grass and Clover Mixture	10.00	19.00
Rough Land Pasture Mixture	10.00	19.00
English Blue Grass, Meadow Fescue Quality Brand	8.00	15.00
Bermuda Grass, Quality Brand.....	20.00	38.00

FARM SEEDS

	50 lbs.	100 lbs.
Dwarf Essex Rape Seed	\$ 4.75	\$ 8.50
Sudan Grass	4.50	8.25
Cane Seed, Texas Ribbon for Sorghum.....	4.00	7.50
Cane Seed, Sugar Drip for Sorghum	3.50	6.50
Cane Seed, Early Orange for Forage.....	2.25	4.25
Cane Seed, Early Black Amber for Forage.....	2.25	4.25
Millet, German	2.25	4.25
Millet, White Wonder	2.00	3.75
Feterita	2.25	4.25
Kaffir Corn, Dwarf White, Black Hull	2.00	3.75
Kaffir Corn, Red	2.25	4.25
Kaffir Corn, Schrock	2.25	4.25
Kaffir Corn, Sunrise	2.50	4.75
Milo Maize, Dwarf	2.25	4.25
Hegari	2.50	4.75
Shallu	5.00	9.50
Broom Corn, Oklahoma Dwarf	3.00	5.75
Broom Corn, Improved Evergreen	3.00	5.75
Hairy Vetch	8.50	16.00
Teosinte	50.00	95.00

	Per Bu.	Larger Quantities Bu.
Seed Oats, Fulghum	\$ 1.00	\$.95
Kanota Genuine	1.00	.95
Texas Red Rust Proof	1.00	.95
Cow Peas, The Brabham	4.50	4.25
Extra Early Blackeye	5.00	4.75
Large Blackeye or Dixie	7.50	7.25
New Era	3.50	3.40
Whippoorwill	4.00	3.75
Gallivant or Lady	7.50	7.25
Soja Beans, Laredo	4.00	3.75
Soja Beans, Mammoth Yellow	3.25	3.15
Soja Beans, Virginia	3.25	3.15
Soja Beans, Manchu	3.00	2.90
Mung Beans	10.00	9.50
Buckwheat, Japanese	2.50	2.40
Seed Flax	3.50	3.25
Barley, Oderbrucker	2.00	1.90
Seed Rye	1.50	1.40
Canada Field Peas	3.90	3.80

SEED POTATOES—RED RIVER GROWN STOCK

	Bu.	100 lbs.
Irish Cobbler	\$ 2.25	\$ 2.15
Early Ohio	2.25	2.15
Early Triumph	2.35	2.25
Burbank	2.20	2.10
Rural New Yorker	2.20	2.10
Peachblow	2.50	2.40

Your orders will receive prompt and careful attention.

TUCKERS SEED HOUSE,
Earl J. Tucker.

Every Gardener Should Know

That Peas, Beans and Sweet Peas belong to the Legume family—plants that bear their seed in a pod — like clover and alfalfa. All legumes form a partnership at the roots with certain kinds of helpful bacteria called Legume Germs that are able to pump or draw nitrogen from the air and give it to the plant. They form on the roots in colonies looking like lumps, called nodules, which are really nitrogen storehouses.

Without these germs, legumes would rob the soil for nourishment and have a sickly growth, for few soils contain a natural supply. It is therefore necessary to "inoculate" — apply these nitrogen-gathering germs directly to the seed. All Agricultural authorities advise this.



NITRAGIN—a trade name—is a granular soil-like substance, teeming with millions of nitrogen-gathering legume germs, scientifically grown, and packed in neat yellow and black tin containers. Directions on every can. Safe and easy to apply to seed before planting.



Nitragin Is Dated

Because Legume Germs are PERISHABLE, NITRAGIN Labels are DATED for the year contents must be used. This guarantees the gardener fresh, live legume germs and protects him against undated inoculators which may be old and worthless.

NITRAGIN is effective ONLY on legumes. Should not be confused with seed disinfectant.

THE NITRAGIN CO., INC.
 9th and National Aves.
 Milwaukee Wisconsin

Your Garden ~ **PEAS, BEANS & SWEET PEAS**

NEED MORE THAN SUN AND WATER



THEY NEED BACTERIA FERTILIZER
USE



The Original Soil Inoculator

HAS SERVED THE AMERICAN GARDENER
SINCE 1898

ESTABLISHED — SCIENTIFIC — APPROVED
DEPENDABLE — DATED — ALWAYS FRESH



NITRAGIN

1. Hastens maturity.
2. Increases yield.
3. Produces bigger and better quality crops.
4. Develops rich, healthful protein content.
5. Adds fertility to the soil.



NITRAGIN GARDEN SIZE 25¢
ENOUGH TO INOCULATE FROM 1 OZ. TO
8 LBS. OF SEED

DISTRIBUTED BY
TUCKERS' SEED HOUSE
Carthage, Missouri

INOCULATE!

ALL LEGUMES

**Alfalfa, All Clovers, Soy Beans, Cow Peas
Vetch, Peas, Beans, Austrian Winter Peas
Peanuts, etc., with**



The Original and Dated Soil Inoculator
—with the Legume Germ Count on Every Can

Has served the American Farmer since 1898. The annual December 1st expiration Date plus the guaranteed high Legume Germ Count printed on every can, guarantees good inoculation. Read opposite side for full information.

NITRAGIN PRICES

Vetch and Austrian Winter Peas

Size	Inoculates	Price	Size	Inoculates	Price
½ bu.	30 lbs. seed....	\$.30	3½ bu.	210 lbs. seed	\$1.40
1 bu.	60 lbs. seed....	.50	5 bu.	300 lbs. seed	1.75

Soy Beans and Cow Peas

1 bu.	60 lbs. seed....	\$.40	5 bu.	300 lbs. seed	\$1.50
2 bu.	120 lbs. seed....	.70	10 bu.	600 lbs. seed	2.50

Alfalfa, All Clovers, Peas and Beans

¾ bu.	15 lbs. seed....	\$.40	1 bu.	60 lbs. seed	\$1.00
½ bu.	30 lbs. seed....	.60	5 bu.	300 lbs. seed	4.75

Small GARDEN SIZE NITRAGIN for SWEET PEAS, PEAS and BEANS

Inoculates from 1 ounce to 8 lbs. of seed. Contains more than 1 billion fresh Legume Germs.....Price \$.25.

IMPORTANT: When ordering NITRAGIN always be sure to state kind of legume seed you wish to inoculate.

DISTRIBUTED BY
TUCKERS' SEED HOUSE
Carthage, Missouri

VALUABLE INFORMATION EVERY FARMER SHOULD KNOW

LEGUME INOCULATORS MUST BE FRESH

Legume Germs are perishable. NITRAGIN, for many years, has had the Expiration Date on its labels to guarantee the farmer fresh, active germs. Undated inoculators in tins or in bottles, may be old and worthless.

All legume germs need air and moisture to remain fresh and active. In the preparation of NITRAGIN, pure cultures of legume germs are mixed with a finely ground black soil-like substance, and packed in ventilated tins. This keeps NITRAGIN in a moist healthy condition. Only selected and tested strains are used.

*Has served the
American Farmer
Since 1898*



*Expiration Date
Legume Germ
Count on
every can.*

MIXING WITH SEED

The moist NITRAGIN in the can will stick to the seed without adding water, and give good inoculation, but the general practice is to use water when mixing inoculants with seed. Directions using water are printed on every NITRAGIN label.

Do not confuse NITRAGIN with dry and dusty inoculants. Before using a dry treatment on legume seed without adding water, every farmer should consult his Agricultural College or the United States Department of Agriculture, Washington, D. C., for advice on the subject.

Germ Count Plus Date Insures Good Inoculation

The Legume Germ Count, printed on the label of every NITRAGIN can, gives you a "yardstick" to measure the value of inoculators with — tells you at a glance how many legume germs you are buying per dollar invested, and whether you are getting full measure. It's the number of fresh legume germs that count—not the price or the size of the package. Like cheap seeds, cheap inoculators are often the most expensive. NITRAGIN leads in quantity and quality.

Inoculation Is Profitable

You inoculate legume seed with nitrogen-gathering germs to increase the vigor and vitality of the plant, and produce an increased crop yield of better quality. Inoculation saves fertilizer bills and builds up the soil. All Agricultural authorities approve and advise inoculation.

Manufactured Exclusively by

THE NITRAGIN COMPANY, INC.
MILWAUKEE WISCONSIN

A few words
about
Egg Shells





You wouldn't expect the best mason in the world to build a brick house without plenty of brick and mortar. It isn't being done! Nor would you expect such a workman to run around streets and alleys picking up odd pieces of brick and stone to use in construction. Some poultry raisers get the best stock that money can buy...potentially splendid layers...give them plenty of fresh water and wholesome grain feed...turn them out on range...and then wait for results. They overlook one of the main essentials...raw material for egg-shell construction. Perhaps they too expect the hen to forage around, in the roadway and elsewhere, picking up odd pieces to use in construction. But hens need clean, uniform sized limestone grit, free of impurities, furnished in ample quantity. Egg shell is 92% calcium carbonate and unless plenty of raw material in the form of calcium carbonate is furnished, nothing but soft shelled eggs can be expected. Supply mineral of high calcium content for best results.



CALICO GRIT

contains

98 $\frac{1}{2}$ % Pure Calcium Carbonate

What Authorities Say

THIS is quoted from a bulletin by the Kentucky Agricultural Experiment Station of the University of Kentucky:

"It is well known that calcium and phosphorous are of the greatest importance in building the skeleton of growing fowls and that calcium is essential for the formation of egg shells, which are composed almost entirely of calcium carbonate. Chemical analyses of the grains commonly fed to poultry show that they contain relatively less calcium than phosphorous, which suggests that grains alone do not supply enough calcium." "Common experience teaches that calcium in some concentrated form, such as...ground limestone, must be given to poultry, in addition to the ordinary feeds, in order to supply the large amount of calcium necessary for maximum egg production and for their general welfare."

In a later bulletin this same Experiment Station says: "Hens receiving limestone produced larger eggs than those that did not receive it."

CONVENIENT SIZE

There are two sizes of Calico Grit, one for chicks and one for hens. They differ in size...the correct size for two stages...the result of rigid study and experimentation. Calico Grit is attractively bagged in 3 convenient sizes...10, 50, 100 pounds.

Carthage Crushed Limestone Co.

Carthage, Missouri

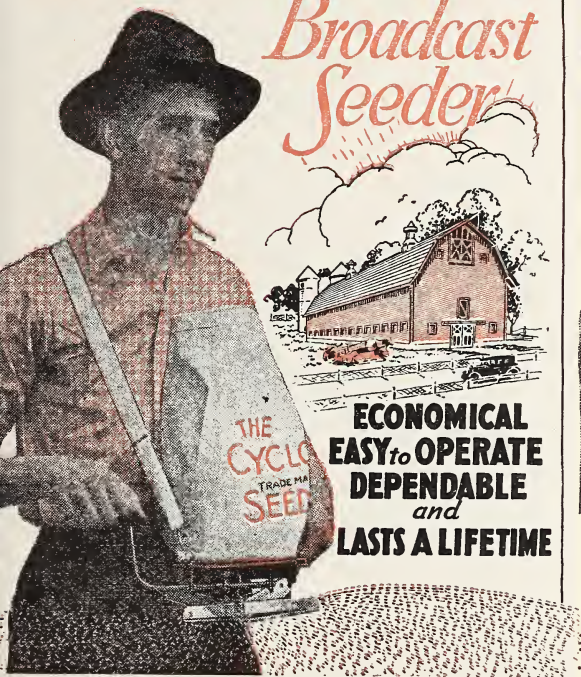
Sales Office: 1422 St. Louis Ave., Kansas City, Mo.



SOLD BY

The **CYCLONE**

*The World's Standard
Broadcast
Seeder*

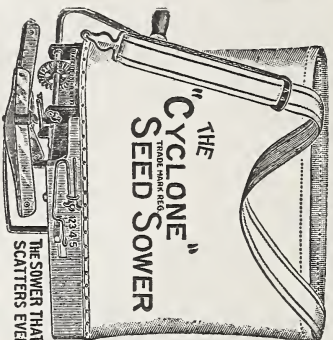


**ECONOMICAL
EASY to OPERATE
DEPENDABLE
and
LASTS A LIFETIME**

Price each **CYCLONE** \$2.00 not prepaid, \$2.25 postpaid.

Price each **HORN** \$1.00 postpaid.

TUCKER'S SEED HOUSE
Carthage, Mo.



The CYCLONE —Saves Valuable Seed

by even distribution. Uneven seeding is wasteful. The Cyclone will sow many acres per hour and any amount per acre. Does the work quickly—Saves Labor. It has been a success for more than 40 years. Many hundreds of thousands of Farmers in America, Canada, Europe and other countries have long relied on it for sowing clover, timothy, alfalfa, oats, wheat or any other seed that is sown broadcast.

Construction:—Its well known Double Feed: insures a uniform flow of Seed. **Slope Feed Board:** keeps hopper properly filled. **Feed Adjustment:** is automatic and starts or stops flow of seed instantly. **Distributing Wheel:** scatters seed evenly. Throws equal amounts to equal distances on each side of operator.

For Price See Reverse Side

The "HORN" Seed Sower

THE SECTIONAL TUBE STYLE

Has Brass Seed Gauge—Patented

Will sow perfectly all small, smooth seeds like alfalfa, clover, timothy, etc., any desired amount per acre and you can rely on this perfect seed gauge. Easily operated. Fully Guaranteed.

(2)

For Price See Reverse Side



GENERAL INDEX

VEGETABLES

	Page		Page
Asparagus	2	Broom Corn	38
Asparagus Roots	2	Buckwheat	34
Borecole or Kale	2	Canadian Field Peas	33
Brussels Sprouts	2	Clovers	30-31
Beans, Bush	3-4	Combination Grass and Clover Mixture	32
Beans, Lima, Bush	5	Cow Peas	34
Beans, Pole	5	Cane Seed	37
Beans, Field	2	English Blue Grass	32
Beans, Lima, Pole	4	Feterita	38
Beets	6	Flax Seed	36
Beets, Stock	6	Hairy Vetch	36
Chard, Swiss	6	Hegara	38
Cabbage	7	Kentucky Blue Grass	32
Cauliflower	6	Kafir Corn	38
Celery	8	Lawn Grass	33
Collards	6	Milo Maize	38
Carrots	8	Millets	36
Cucumber	9	Mung Beans	35
Celeriac	8	Oats, Seed	37
Corn, Sweet	9	Orchard Grass	32
Egg Plant	9	Peanuts	17
Endive	10	Pop Corn	28
Frost Proof Cabbage	10	Rape Seed	33
Plants	25	Red Top	32
Garlic	12	Rough Land Pasture Mixture	33
Horse Radish	12	Seed Corn	26-27-28
Herbs	11	Spring Barley	36
Kohl Rabi	11	Sudan Grass	37
Lettuce	11	Shallu	38
Melons, Musk	13	Sunflower	12
Melons, Water	14	Soja Beans	35
Mustard	12	Schroek	38
Onions	15	Seed Rye	36
Onion Plants	15	Sweet Clover	30
Onion Sets	16	Timothy	32
Okra	12	Teosinte	36
Potatoes, Irish	24	Timothy and Alsike	31
Potatoes, Sweet	24	Clover Mixed	31
Peas	18	Red Clover Timothy Mixture	31
Peppers	16		
Parsley	17		
Parsnip	17		
Pumpkin	19		
Radish	20		
Rhubarb	12		
Rhubarb Roots	12		
Salsify	22		
Squash	19		
Spinach	22		
Tomato	21		
Turnip	22		
Tobacco	12		
Vegetable Plants	25		

GRASS, FARM AND FIELD SEED

Alfalfa	30
Bermuda Grass	32

SUMMER FLOWERING BULBS

	Page
Caladium	47
Canna	46
Dahlias	47
Gladioli	46
Tuberose	46

POULTRY SUPPLIES

Coukey's Buttermilk	
Starting Food	51
Incubator and Brooder	
Supplies	53
Reliable Chick Hovers	58
Old Trusty Incubators	53
O. K. Warm	
Water Fountain	57
Poultry Foods	57
Poultry Supplies	54-55-56
Reliable Standard Incubators and Hovers	52
Tucker's Special Chick Feed	51
Tucker's Special Laying Mash	51
Walko Tablets	58
Barnes Worm Emulsion	51

MISCELLANEOUS

Bee Supplies	64
Bird Seed, Inside back Cover	
Blatchford's Calf Meal	60
Glass Cloth	54
Cel-O-Glass	54
Cyclone Seeder	62
E-Z Corn Popper	50
Fan Mills	63
Fertilizers	23
Wright's Smoke Salt	58
Garden Implements	62
Nitragin	29
Rat Scent	58
Spray Materials	61
Spray Pumps	59-60
B. K.	60
Semesan Jr.	29
Semesan Bel	29
Ceresan	29
Sunshine Worm Capsules	58
Hot Kaps	50
Carbola	50
Udder Health	50
Mulch Paper	63

FALL PLANTING BULBS

Hyacinths	48
Tulips	48
Narcissus	49
Crocus	49
Jonquils	49
Freerias	49
Sacred Lily	49

BIRD SEEDS AND FOODS

Our Bird Seeds are Strictly Fresh Stocks, Recleaned, Free From Dirt and Weevil.

Mixed Bird Seed

This is a combination of Hemp, Canary, Imported Millet, Rape Seed and Flax Seed. Each proportioned to give the best results. With each order for one pound or more we include a good sized piece of cuttle bone. Postpaid, 1b. 25c; 2 lbs. 45c; 5 lbs. 85c.

Hemp Seed

Extra Fancy recleaned stock. Postpaid, 1b. 20c; 2 lbs. 35c; 5 lbs. 75c.

Bird Manna

Keeps birds in fine condition. A necessary tonic and health food. Postpaid, 20c; 2 for 35c.

Burnett's Tonic

A first class remedy for colds and asthma and a general tonic for sick and weak birds. Postpaid, bottle, 25c.

Rainbow Louse Powder

A specially prepared Louse Powder for canaries and all cage birds. Postpaid, package, 15c.

Poppy Seed

Fine for singers. Postpaid, 1b. 30c; 2 lbs. 55c; 5 lbs. \$1.00.

Canary Seed

Imported Extra Fancy Stock. Postpaid, 1b. 25c; 2 lbs. 45c; 5 lbs. \$1.00.

Imported Millet

Large, plump seed, recleaned. Postpaid, 1b. 20c; 2 lbs. 35c; 5 lbs. 75c.

Rape Seed

Extra large seed. Postpaid, 1b. 20c; 2 lbs. 35c; 5 lbs. 75c.

Song Restorer

Will make your bird sing. A sure relief for loss of song. Hoarseness, colds, asthma, shedding of feathers out of season, also a preventive against all diseases common to canaries. Postpaid, package, 25c.

Cuttle Bone

Large pieces. Postpaid, each 5c; 3 for 10c; doz. 35c.

Rainbow Bird Gravel

This gravel is entirely free from all glutinous substances, and will not stick to the bird's feet. Gravel is necessary for the bird's health and Rainbow Gravel is the best. Postpaid, large package, 25c.

Thistle Seed

Best quality. Postpaid, 1b. 35c; 2 lbs. 65c; 5 lbs. \$1.50.

